

Tables of Spherical Hankel Functions of Imaginary Argument

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CONTENTS

Abstract	ii
Problem Status	ii
Authorization	ii
INTRODUCTION	1
DEFINITIONS AND FORMULAS	1
ACCURACY	2
TABLE CONTENTS	2
RELATED TABLES	2
REFERENCES	3
COMPUTER PRINTOUTS OF THE TABLES	4

ABSTRACT

Tables of the spherical Hankel functions for imaginary values of the argument have been calculated. The values presented in these tables correspond to $-(-i)^n h_n^{(1)}(ix) = -(-i)^n h_n^{(2)}(-ix)$ where $n = 0(1)8$ and $x = 0(01) 10.00$.

PROBLEM STATUS

This is a final report on one phase of the problem; work on the problem is continuing.

AUTHORIZATION

NRL Problem H01-04
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TABLES OF SPHERICAL HANKEL FUNCTIONS OF IMAGINARY ARGUMENT

INTRODUCTION

Spherical Hankel functions of the first kind of imaginary argument were frequently being evaluated in the course of various nuclear reaction mechanism calculations performed in the Nucleonics Division. It is pointed out by P.M. Morse (1) that in four of the eleven different Euclidean coordinate systems in which the wave equation can be separated the solutions involve spherical Bessel functions. Therefore it was felt that the present tables would be useful in other areas besides the nuclear reaction mechanism calculations. The computation of these tables was performed by an LGP-30 computer and the computer output photographed to eliminate the possibility of errors being introduced in reproducing the tables.

DEFINITIONS AND FORMULAS

The spherical Hankel function of the first kind (or first spherical Bessel function of the third kind) is defined in terms of the spherical Bessel functions of the first and second kind by $h_n^{(1)}(z) = j_n(z) + in_n(z)$ where $j_n(z)$ is the spherical Bessel function of the first kind (or simply spherical Bessel function) and $n_n(z)$ is the spherical Bessel function of the second kind (or spherical Neumann function). But $n_n(z) = (-1)^{n+1}j_{-n-1}(z)$ (2), so $h_n^{(1)}(z)$ can be expressed as $h_n^{(1)}(z) = j_n(z) + i(-1)^{n+1}j_{-n-1}(z)$.

An expression for $j_n(z)$ in terms of a finite series is given by Watson (3):

$$j_n(z) = \frac{1}{2z} \sum_{r=0}^n \frac{(n+r)!}{r!(n-r)!(2z)^r} (e^{iz} i^{r-n-1} + e^{-iz} (-i)^{r-n-1}) .$$

A similar expression is given for $j_{-n-1}(z)$:

$$j_{-n-1}(z) = \frac{1}{2z} \sum_{r=0}^n \frac{(n+r)!}{r!(n-r)!(2z)^r} (e^{iz} i^{r+n} + e^{-iz} (-i)^{r+n}) .$$

Combining these two expressions provides a convenient method of evaluating $h_n^{(1)}(z)$

$$h_n^{(1)}(z) = \frac{e^{iz}}{z} \sum_{r=0}^n \frac{(n+r)!}{r!(n-r)!(2z)^r} i^{r-n-1} .$$

Letting $z = ix$, where x is real, we obtain

$$h_n^{(1)}(ix) = -\frac{i^{-n} e^{-x}}{x} \sum_{r=0}^n \frac{(n+r)!}{r!(n-r)!(2x)^r} .$$

The spherical Hankel function of the second kind (or second spherical Bessel function of the third kind) is defined as

$$h_n^{(2)}(z) = j_n(z) - in_n(z)$$

and can be evaluated using the series

$$h_n^{(2)}(z) = \frac{e^{-iz}}{z} \sum_{r=0}^n \frac{(n+r)!(-i)^{r-n-1}}{r!(n-r)!(2z)^r}$$

so

$$h_n^{(2)}(-ix) = (-1)^n h_n^{(1)}(ix)$$

ACCURACY

The computer results were spot checked by hand calculations to determine the correctness of the program coding and to ascertain the magnitude of the errors introduced by truncation and round-off. More than 130 values were checked and the rms error of these values was found to be less than 2 units in the least significant figure, with the maximum error being 6 units. The errors tended to be larger in the functions of higher order, since their evaluation required more operations.

TABLE CONTENTS

The values presented in the tables correspond to $-(i)^n h_n^{(1)}(ix) = -(-i)^n h_n^{(2)}(-ix)$. The first differences are also given as an aid in interpolation. A given difference represents the difference between the value of the function on the same line and the previous value of the function. All results are presented in the form of a number less than one followed by the power of ten by which the number is to be multiplied. The sign of the quantity follows the quantity to which it pertains, a peculiarity of the output program used in the computation.

RELATED TABLES

Other tables of closely related functions are on pp. 469-472 and p. 474 of Ref. 2, where

$$k_n(x) = -\frac{\pi}{2} i^n h_n^{(1)}(ix) = -\frac{\pi}{2} (-i)^n h_n^{(2)}(-ix)$$

and in Ref. 4, where

$$k_{n+\frac{1}{2}}(x) = -\sqrt{\frac{\pi}{2}} i^n x^{n+\frac{1}{2}} h_n^{(1)}(ix) = -\sqrt{\frac{\pi}{2}} (-i)^n x^{n+\frac{1}{2}} h_n^{(2)}(-ix)$$

and

$$K_{n+\frac{1}{2}}(x) = -\sqrt{\frac{\pi x}{2}} i^n h_n^{(1)}(ix) = -\sqrt{\frac{\pi x}{2}} (-i)^n h_n^{(2)}(-ix) .$$

REFERENCES

1. National Bureau of Standards, "Tables of Spherical Bessel Functions, Vol. I," New York: Columbia University Press, p. vii, 1947
2. National Bureau of Standards, "Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables," Applied Math. Series 55, Washington, D.C.: U.S. Government Printing Office, p. 439, 1964
3. Watson, G.N., "A Treatise on the Theory of Bessel Functions," 2nd ed., Cambridge, England: Cambridge University Press, pp. 53-54, 1958
4. Jones, C.W., "A Short Table for the Bessel Functions $I_{n+\frac{1}{2}}(x), (2/\pi)K_{n+\frac{1}{2}}(x)$," Cambridge, England: Cambridge University Press, 1952

x	$-h_0^{(1)}(ix)$	Diff.
.00	∞	-
.01	.9900498 02	$-\infty$
.02	.4900993 02	.4999505- 02
.03	.3234820 02	.1666173- 02
.04	.2401974 02	.8328457- 01
.05	.1902460 02	.4995144- 01
.06	.1569608 02	.3328515- 01
.07	.1331992 02	.2376170- 01
.08	.1153896 02	.1780953- 01
.09	.1015480 02	.1384170- 01
.10	.9048374 01	.1106423- 01
.11	.8143948 01	.9044266- 00
.12	.7391005 01	.7529427- 00
.13	.6754582 01	.6364234- 00
.14	.6209701 01	.5448807- 00
.15	.5738053 01	.4716487- 00
.16	.5325899 01	.4121543- 00
.17	.4962735 01	.3631641- 00
.18	.4640391 01	.3223438- 00
.19	.4352418 01	.2879735- 00
.20	.4093654 01	.2587641- 00
.21	.3859925 01	.2337285- 00
.22	.3647813 01	.2121122- 00
.23	.3454495 01	.1933182- 00
.24	.3277617 01	.1768781- 00
.25	.3115204 01	.1624133- 00
.26	.2965584 01	.1496202- 00
.27	.2827331 01	.1382526- 00
.28	.2699228 01	.1281036- 00
.29	.2580220 01	.1190086- 00
.30	.2469394 01	.1108254- 00
.31	.2365959 01	.1034357- 00
.32	.2269217 01	.9674197- 01-
.33	.2178557 01	.9065997- 01-
.34	.2093443 01	.8511432- 01-
.35	.2013395 01	.8004792- 01-
.36	.1937990 01	.7540472- 01-
.37	.1866850 01	.7114010- 01-
.38	.1799636 01	.6721439- 01-
.39	.1736044 01	.6359229- 01-
.40	.1675801 01	.6024316- 01-
.41	.1618659 01	.5714130- 01-
.42	.1564398 01	.5426174- 01-
.43	.1512812 01	.5158550- 01-
.44	.1463720 01	.4909290- 01-
.45	.1416952 01	.4676767- 01-
.46	.1372356 01	.4459573- 01-
.47	.1329793 01	.4256377- 01-
.48	.1289133 01	.4065996- 01-
.49	.1250259 01	.3887424- 01-
.50	.1213062 01	.3719702- 01-

x	$-h_0^{(1)}(ix)$	Diff.
.50	.1213062 01	.3719702- 01-
.51	.1177443 01	.3561862- 01-
.52	.1143309 01	.3413391- 01-
.53	.1110576 01	.3273376- 01-
.54	.1079164 01	.3141174- 01-
.55	.1049001 01	.3016359- 01-
.56	.1020017 01	.2898406- 01-
.57	.9921501 00	.2786666- 01-
.58	.9653421 00	.2680804- 01-
.59	.9395379 00	.2580423- 01-
.60	.9146863 00	.2485163- 01-
.61	.8907393 00	.2394702- 01-
.62	.8676525 00	.2308680- 01-
.63	.8453840 00	.2226849- 01-
.64	.8238944 00	.2148957- 01-
.65	.8031474 00	.2074702- 01-
.66	.7831082 00	.2003921- 01-
.67	.7637443 00	.1936396- 01-
.68	.7450251 00	.1871920- 01-
.69	.7269219 00	.1810319- 01-
.70	.7094076 00	.1751431- 01-
.71	.6924567 00	.1695091- 01-
.72	.6760449 00	.1641185- 01-
.73	.6601495 00	.1589544- 01-
.74	.6447487 00	.1540078- 01-
.75	.6298222 00	.1492651- 01-
.76	.6153507 00	.1447154- 01-
.77	.6013157 00	.1403494- 01-
.78	.5877001 00	.1361562- 01-
.79	.5744871 00	.1321299- 01-
.80	.5616613 00	.1282586- 01-
.81	.5492076 00	.1245374- 01-
.82	.5371118 00	.1209576- 01-
.83	.5253606 00	.1175125- 01-
.84	.5139412 00	.1141942- 01-
.85	.5028412 00	.1110001- 01-
.86	.4920490 00	.1079214- 01-
.87	.4815536 00	.1049544- 01-
.88	.4713443 00	.1020934- 01-
.89	.4614110 00	.9933301- 02-
.90	.4517441 00	.9666868- 02-
.91	.4423344 00	.9409795- 02-
.92	.4331729 00	.9161420- 02-
.93	.4242514 00	.8921577- 02-
.94	.4155616 00	.8689771- 02-
.95	.4070959 00	.8465713- 02-
.96	.3988469 00	.8249059- 02-
.97	.3908073 00	.8039540- 02-
.98	.3829706 00	.7836707- 02-
.99	.3753301 00	.7640552- 02-
1.00	.3678794 00	.7450711- 02-

x	$-h_0^{(1)}(ix)$	Diff.	x	$-h_0^{(1)}(ix)$	Diff.
1.00	.3678794 00	.7450711- 02-	1.50	.1487534 00	.2503340- 02-
1.01	.3606129 00	.7266533- 02-	1.51	.1462980 00	.2455423- 02-
1.02	.3535246 00	.7088305- 02-	1.52	.1438894 00	.2408577- 02-
1.03	.3466085 00	.6916057- 02-	1.53	.1415266 00	.2362794- 02-
1.04	.3398601 00	.6748391- 02-	1.54	.1392085 00	.2318155- 02-
1.05	.3332740 00	.6586146- 02-	1.55	.1369342 00	.2274346- 02-
1.06	.3268452 00	.6428846- 02-	1.56	.1347026 00	.2231551- 02-
1.07	.3205689 00	.6276314- 02-	1.57	.1325129 00	.2189763- 02-
1.08	.3144401 00	.6128745- 02-	1.58	.1303641 00	.2148813- 02-
1.09	.3084554 00	.5984725- 02-	1.59	.1282551 00	.2108999- 02-
1.10	.3026100 00	.5845381- 02-	1.60	.1261853 00	.2069781- 02-
1.11	.2969000 00	.5710078- 02-	1.61	.1241539 00	.2031457- 02-
1.12	.2913210 00	.5579004- 02-	1.62	.1221598 00	.1994083- 02-
1.13	.2858700 00	.5451031- 02-	1.63	.1202022 00	.1957603- 02-
1.14	.2805429 00	.5327054- 02-	1.64	.1182805 00	.1921728- 02-
1.15	.2753363 00	.5206652- 02-	1.65	.1163939 00	.1886553- 02-
1.16	.2702467 00	.5089529- 02-	1.66	.1145416 00	.1852345- 02-
1.17	.2652707 00	.4976047- 02-	1.67	.1127229 00	.1818724- 02-
1.18	.2604056 00	.4865118- 02-	1.68	.1109369 00	.1786007- 02-
1.19	.2556481 00	.4757531- 02-	1.69	.1091831 00	.1753755- 02-
1.20	.2509952 00	.4652934- 02-	1.70	.1074609 00	.1722230- 02-
1.21	.2464441 00	.4551057- 02-	1.71	.1057695 00	.1691403- 02-
1.22	.2419918 00	.4452299- 02-	1.72	.1041083 00	.1661256- 02-
1.23	.2376362 00	.4355619- 02-	1.73	.1024765 00	.1631743- 02-
1.24	.2333744 00	.4261863- 02-	1.74	.1008738 00	.1602778- 02-
1.25	.2292039 00	.4170482- 02-	1.75	.9929938 01-	.1574401- 02-
1.26	.2251221 00	.4081801- 02-	1.76	.9775276 01-	.1546617- 02-
1.27	.2211272 00	.3994890- 02-	1.77	.9623328 01-	.1519485- 02-
1.28	.2172166 00	.3910614- 02-	1.78	.9474048 01-	.1492800- 02-
1.29	.2133882 00	.3828416- 02-	1.79	.9327382 01-	.1466656- 02-
1.30	.2096399 00	.3748304- 02-	1.80	.9183270 01-	.1441129- 02-
1.31	.2059694 00	.3670520- 02-	1.81	.9041665 01-	.1416052- 02-
1.32	.2023752 00	.3594235- 02-	1.82	.8902507 01-	.1391573- 02-
1.33	.1988551 00	.3520083- 02-	1.83	.8765766 01-	.1367416- 02-
1.34	.1954073 00	.3447840- 02-	1.84	.8631380 01-	.1343865- 02-
1.35	.1920299 00	.3377386- 02-	1.85	.8499306 01-	.1320739- 02-
1.36	.1887211 00	.3308840- 02-	1.86	.8369489 01-	.1298172- 02-
1.37	.1854795 00	.3241552- 02-	1.87	.8241901 01-	.1275880- 02-
1.38	.1823033 00	.3176220- 02-	1.88	.8116493 01-	.1254083- 02-
1.39	.1791909 00	.3112387- 02-	1.89	.7993218 01-	.1232750- 02-
1.40	.1761406 00	.3050333- 02-	1.90	.7872034 01-	.1211835- 02-
1.41	.1731513 00	.2989359- 02-	1.91	.7752894 01-	.1191403- 02-
1.42	.1702211 00	.2930118- 02-	1.92	.7635774 01-	.1171203- 02-
1.43	.1673489 00	.2872236- 02-	1.93	.7520631 01-	.1151432- 02-
1.44	.1645333 00	.2815677- 02-	1.94	.7407421 01-	.1132102- 02-
1.45	.1617725 00	.2760710- 02-	1.95	.7296106 01-	.1113153- 02-
1.46	.1590660 00	.2706600- 02-	1.96	.7186651 01-	.1094546- 02-
1.47	.1564119 00	.2654083- 02-	1.97	.7079027 01-	.1076246- 02-
1.48	.1538093 00	.2602590- 02-	1.98	.6973194 01-	.1058330- 02-
1.49	.1512567 00	.2552578- 02-	1.99	.6869116 01-	.1040776- 02-
1.50	.1487534 00	.2503340- 02-	2.00	.6766761 01-	.1023555- 02-

x	$-h_0^{(1)}(ix)$		Diff.	x	$-h_0^{(1)}(ix)$		Diff.
2.00	.6766761	01-	.1023555- 02-	2.50	.3283401	01-	.4631700- 03-
2.01	.6666101	01-	.1006599- 02-	2.51	.3237777	01-	.4562391- 03-
2.02	.6567099	01-	.9900220- 03-	2.52	.3192841	01-	.4493660- 03-
2.03	.6469730	01-	.9736903- 03-	2.53	.3148578	01-	.4426315- 03-
2.04	.6373956	01-	.9577405- 03-	2.54	.3104976	01-	.4360145- 03-
2.05	.6279748	01-	.9420822- 03-	2.55	.3062028	01-	.4294887- 03-
2.06	.6187084	01-	.9266390- 03-	2.56	.3019715	01-	.4231278- 03-
2.07	.6095929	01-	.9115525- 03-	2.57	.2978036	01-	.4167864- 03-
2.08	.6006262	01-	.8966755- 03-	2.58	.2936977	01-	.4105996- 03-
2.09	.5918044	01-	.8821730- 03-	2.59	.2896527	01-	.4044958- 03-
2.10	.5831257	01-	.8678809- 03-	2.60	.2856677	01-	.3984999- 03-
2.11	.5745872	01-	.8538496- 03-	2.61	.2817414	01-	.3926288- 03-
2.12	.5661869	01-	.8400269- 03-	2.62	.2778735	01-	.3867932- 03-
2.13	.5579214	01-	.8265507- 03-	2.63	.2740626	01-	.3810889- 03-
2.14	.5497885	01-	.8132942- 03-	2.64	.2703079	01-	.3754748- 03-
2.15	.5417866	01-	.8001933- 03-	2.65	.2666082	01-	.3699670- 03-
2.16	.5339125	01-	.7874016- 03-	2.66	.2629632	01-	.3645076- 03-
2.17	.5261641	01-	.7748501- 03-	2.67	.2593716	01-	.3591543- 03-
2.18	.5185392	01-	.7624869- 03-	2.68	.2558327	01-	.3538914- 03-
2.19	.5110350	01-	.7504234- 03-	2.69	.2523456	01-	.3487179- 03-
2.20	.5036504	01-	.7384606- 03-	2.70	.2489092	01-	.3436338- 03-
2.21	.4963830	01-	.7267371- 03-	2.71	.2455232	01-	.3386028- 03-
2.22	.4892302	01-	.7152800- 03-	2.72	.2421866	01-	.3336622- 03-
2.23	.4821898	01-	.7040389- 03-	2.73	.2388986	01-	.3288035- 03-
2.24	.4752609	01-	.6928993- 03-	2.74	.2356581	01-	.3240481- 03-
2.25	.4684409	01-	.6819973- 03-	2.75	.2324649	01-	.3193207- 03-
2.26	.4617277	01-	.6713160- 03-	2.76	.2293180	01-	.3146893- 03-
2.27	.4551196	01-	.6608143- 03-	2.77	.2262167	01-	.3101360- 03-
2.28	.4486147	01-	.6504962- 03-	2.78	.2231601	01-	.3056536- 03-
2.29	.4422113	01-	.6403337- 03-	2.79	.2201477	01-	.3012493- 03-
2.30	.4359078	01-	.6303555- 03-	2.80	.2171788	01-	.2968917- 03-
2.31	.4297025	01-	.6205328- 03-	2.81	.2142527	01-	.2926113- 03-
2.32	.4235932	01-	.6109253- 03-	2.82	.2113686	01-	.2884045- 03-
2.33	.4175782	01-	.6015068- 03-	2.83	.2085261	01-	.2842555- 03-
2.34	.4116566	01-	.5921610- 03-	2.84	.2057241	01-	.2801959- 03-
2.35	.4058263	01-	.5830303- 03-	2.85	.2029625	01-	.2761614- 03-
2.36	.4000858	01-	.5740468- 03-	2.86	.2002404	01-	.2722098- 03-
2.37	.3944333	01-	.5652560- 03-	2.87	.1975573	01-	.2683113- 03-
2.38	.3888679	01-	.5565351- 03-	2.88	.1949123	01-	.2645022- 03-
2.39	.3833878	01-	.5480126- 03-	2.89	.1923052	01-	.2607117- 03-
2.40	.3779916	01-	.5396251- 03-	2.90	.1897352	01-	.2569985- 03-
2.41	.3726777	01-	.5313829- 03-	2.91	.1872019	01-	.2533384- 03-
2.42	.3674446	01-	.5233176- 03-	2.92	.1847045	01-	.2497388- 03-
2.43	.3622915	01-	.5153129- 03-	2.93	.1822424	01-	.2462100- 03-
2.44	.3572167	01-	.5074805- 03-	2.94	.1798154	01-	.2426990- 03-
2.45	.3522188	01-	.4997859- 03-	2.95	.1774228	01-	.2392661- 03-
2.46	.3472967	01-	.4922105- 03-	2.96	.1750640	01-	.2358798- 03-
2.47	.3424488	01-	.4847953- 03-	2.97	.1727385	01-	.2325485- 03-
2.48	.3376743	01-	.4774463- 03-	2.98	.1704457	01-	.2292767- 03-
2.49	.3329718	01-	.4702518- 03-	2.99	.1681854	01-	.2260329- 03-
2.50	.3283401	01-	.4631700- 03-	3.00	.1659569	01-	.2228515- 03-

x	$-h_0^{(1)}(ix)$		Diff.	
3.00	.1659569	01-	.2228515-	03-
3.01	.1637598	01-	.2197093-	03-
3.02	.1615934	01-	.2166461-	03-
3.03	.1594576	01-	.2135821-	03-
3.04	.1573517	01-	.2105898-	03-
3.05	.1552752	01-	.2076458-	03-
3.06	.1532279	01-	.2047373-	03-
3.07	.1512089	01-	.2018940-	03-
3.08	.1492184	01-	.1990563-	03-
3.09	.1472555	01-	.1962847-	03-
3.10	.1453201	01-	.1935493-	03-
3.11	.1434114	01-	.1908671-	03-
3.12	.1415294	01-	.1882026-	03-
3.13	.1396735	01-	.1855921-	03-
3.14	.1378434	01-	.1830105-	03-
3.15	.1360385	01-	.1804838-	03-
3.16	.1342586	01-	.1779925-	03-
3.17	.1325035	01-	.1755133-	03-
3.18	.1307725	01-	.1730984-	03-
3.19	.1290655	01-	.1707031-	03-
3.20	.1273820	01-	.1683543-	03-
3.21	.1257215	01-	.1660474-	03-
3.22	.1240841	01-	.1637470-	03-
3.23	.1224691	01-	.1614997-	03-
3.24	.1208763	01-	.1592757-	03-
3.25	.1193053	01-	.1571076-	03-
3.26	.1177558	01-	.1549432-	03-
3.27	.1162276	01-	.1528208-	03-
3.28	.1147203	01-	.1507290-	03-
3.29	.1132336	01-	.1486735-	03-
3.30	.1117672	01-	.1466461-	03-
3.31	.1103208	01-	.1446372-	03-
3.32	.1088941	01-	.1426712-	03-
3.33	.1074868	01-	.1407275-	03-
3.34	.1060988	01-	.1388081-	03-
3.35	.1047294	01-	.1369361-	03-
3.36	.1033788	01-	.1350651-	03-
3.37	.1020464	01-	.1332359-	03-
3.38	.1007321	01-	.1314292-	03-
3.39	.9943557	02-	.1296578-	03-
3.40	.9815665	02-	.1278927-	03-
3.41	.9689500	02-	.1261646-	03-
3.42	.9565040	02-	.1244606-	03-
3.43	.9442259	02-	.1227809-	03-
3.44	.9321126	02-	.1211329-	03-
3.45	.9201632	02-	.1194943-	03-
3.46	.9083747	02-	.1178856-	03-
3.47	.8967445	02-	.1163012-	03-
3.48	.8852701	02-	.1147450-	03-
3.49	.8739502	02-	.1131983-	03-
3.50	.8627822	02-	.1116808-	03-

x	$-h_0^{(1)}(ix)$		Diff.	
3.50	.8627822	02-	.1116808-	03-
3.51	.8517640	02-	.1101816-	03-
3.52	.8408933	02-	.1087077-	03-
3.53	.8301672	02-	.1072605-	03-
3.54	.8195852	02-	.1058204-	03-
3.55	.8091447	02-	.1044054-	03-
3.56	.7988434	02-	.1030130-	03-
3.57	.7886795	02-	.1016385-	03-
3.58	.7786505	02-	.1002904-	03-
3.59	.7687556	02-	.9894977-	04-
3.60	.7589923	02-	.9763250-	04-
3.61	.7493587	02-	.9633610-	04-
3.62	.7398526	02-	.9506112-	04-
3.63	.7304731	02-	.9379517-	04-
3.64	.7212182	02-	.9254944-	04-
3.65	.7120857	02-	.9132447-	04-
3.66	.7030743	02-	.9011459-	04-
3.67	.6941814	02-	.8892846-	04-
3.68	.6854067	02-	.8774707-	04-
3.69	.6767479	02-	.8658832-	04-
3.70	.6682035	02-	.8544400-	04-
3.71	.6597717	02-	.8431804-	04-
3.72	.6514505	02-	.8321227-	04-
3.73	.6432394	02-	.8211089-	04-
3.74	.6351364	02-	.8103019-	04-
3.75	.6271399	02-	.7996513-	04-
3.76	.6192482	02-	.7891785-	04-
3.77	.6114604	02-	.7787710-	04-
3.78	.6037748	02-	.7685609-	04-
3.79	.5961900	02-	.7584822-	04-
3.80	.5887046	02-	.7485459-	04-
3.81	.5813169	02-	.7387707-	04-
3.82	.5740261	02-	.7290794-	04-
3.83	.5668306	02-	.7195482-	04-
3.84	.5597292	02-	.7101428-	04-
3.85	.5527205	02-	.7008733-	04-
3.86	.5458029	02-	.6917613-	04-
3.87	.5389758	02-	.6827126-	04-
3.88	.5322378	02-	.6738017-	04-
3.89	.5255873	02-	.6650454-	04-
3.90	.5190231	02-	.6564269-	04-
3.91	.5125447	02-	.6478382-	04-
3.92	.5061502	02-	.6394452-	04-
3.93	.4998391	02-	.6311182-	04-
3.94	.4936097	02-	.6229412-	04-
3.95	.4874606	02-	.6149067-	04-
3.96	.4813916	02-	.6069010-	04-
3.97	.4754013	02-	.5990276-	04-
3.98	.4694884	02-	.5912967-	04-
3.99	.4636517	02-	.5836682-	04-
4.00	.4578909	02-	.5760854-	04-

x	$-h_0^{(1)}(ix)$	Diff.	x	$-h_0^{(1)}(ix)$	Diff.
4.00	.4573909	02-	.5760354-	04-	
4.01	.4522043	02-	.5686535-	04-	
4.02	.4455912	02-	.5615155-	04-	
4.03	.4410504	02-	.5540792-	04-	
4.04	.4355808	02-	.5469630-	04-	
4.05	.4301820	02-	.5398821-	04-	
4.06	.4248526	02-	.5329382-	04-	
4.07	.4195919	02-	.5260715-	04-	
4.08	.4143988	02-	.5193120-	04-	
4.09	.4092721	02-	.5126670-	04-	
4.10	.4042115	02-	.5060677-	04-	
4.11	.3992159	02-	.4995540-	04-	
4.12	.3942844	02-	.4931521-	04-	
4.13	.3894159	02-	.4868573-	04-	
4.14	.3846099	02-	.4805988-	04-	
4.15	.3798654	02-	.4744483-	04-	
4.16	.3751817	02-	.4683686-	04-	
4.17	.3705579	02-	.4623840-	04-	
4.18	.3659928	02-	.4565064-	04-	
4.19	.3614865	02-	.4506363-	04-	
4.20	.3570375	02-	.4449021-	04-	
4.21	.3526454	02-	.4392089-	04-	
4.22	.3483092	02-	.4336191-	04-	
4.23	.3440281	02-	.4281113-	04-	
4.24	.3398017	02-	.4226454-	04-	
4.25	.3356291	02-	.4172577-	04-	
4.26	.3315095	02-	.4119585-	04-	
4.27	.3274420	02-	.4067551-	04-	
4.28	.3234266	02-	.4015388-	04-	
4.29	.3194621	02-	.3964500-	04-	
4.30	.3155479	02-	.3914247-	04-	
4.31	.3116833	02-	.3864588-	04-	
4.32	.3078675	02-	.3815787-	04-	
4.33	.3041004	02-	.3767135-	04-	
4.34	.3003808	02-	.3719581-	04-	
4.35	.2967083	02-	.3672550-	04-	
4.36	.2930821	02-	.3626235-	04-	
4.37	.2895020	02-	.3580106-	04-	
4.38	.2859669	02-	.3535040-	04-	
4.39	.2824767	02-	.3490281-	04-	
4.40	.2790304	02-	.3446285-	04-	
4.41	.2756274	02-	.3402960-	04-	
4.42	.2722676	02-	.3359867-	04-	
4.43	.2689500	02-	.3317539-	04-	
4.44	.2656742	02-	.3275825-	04-	
4.45	.2624397	02-	.3234512-	04-	
4.46	.2592456	02-	.3194110-	04-	
4.47	.2560920	02-	.3153626-	04-	
4.48	.2529778	02-	.3114175-	04-	
4.49	.2499030	02-	.3074892-	04-	
4.50	.2468665	02-	.3036512-	04-	
4.50	.2468665	02-	.3036512-	04-	
4.51	.2438682	02-	.2998300-	04-	
4.52	.2409075	02-	.2960628-	04-	
4.53	.2379841	02-	.2923505-	04-	
4.54	.2350971	02-	.2887017-	04-	
4.55	.2322461	02-	.2850956-	04-	
4.56	.2294310	02-	.2815081-	04-	
4.57	.2266511	02-	.2779970-	04-	
4.58	.2239059	02-	.2745157-	04-	
4.59	.2211952	02-	.2710717-	04-	
4.60	.2185181	02-	.2677152-	04-	
4.61	.2158746	02-	.2643532-	04-	
4.62	.2132640	02-	.2610516-	04-	
4.63	.2106860	02-	.2578031-	04-	
4.64	.2081400	02-	.2546022-	04-	
4.65	.2056258	02-	.2514189-	04-	
4.66	.2031430	02-	.2482841-	04-	
4.67	.2006910	02-	.2451968-	04-	
4.68	.1982696	02-	.2421448-	04-	
4.69	.1958781	02-	.2391469-	04-	
4.70	.1935166	02-	.2361602-	04-	
4.71	.1911843	02-	.2332283-	04-	
4.72	.1888810	02-	.2303310-	04-	
4.73	.1866061	02-	.2274877-	04-	
4.74	.1843596	02-	.2246509-	04-	
4.75	.1821409	02-	.2218671-	04-	
4.76	.1799498	02-	.2191141-	04-	
4.77	.1777858	02-	.2164012-	04-	
4.78	.1756485	02-	.2137311-	04-	
4.79	.1735377	02-	.2110796-	04-	
4.80	.1714531	02-	.2084617-	04-	
4.81	.1693943	02-	.2058875-	04-	
4.82	.1673608	02-	.2033478-	04-	
4.83	.1653524	02-	.2008388-	04-	
4.84	.1633689	02-	.1983540-	04-	
4.85	.1614099	02-	.1958972-	04-	
4.86	.1594750	02-	.1934897-	04-	
4.87	.1575639	02-	.1911111-	04-	
4.88	.1556765	02-	.1887391-	04-	
4.89	.1538123	02-	.1864201-	04-	
4.90	.1519711	02-	.1841262-	04-	
4.91	.1501526	02-	.1818547-	04-	
4.92	.1483563	02-	.1796252-	04-	
4.93	.1465822	02-	.1774086-	04-	
4.94	.1448300	02-	.1752265-	04-	
4.95	.1430992	02-	.1730751-	04-	
4.96	.1413898	02-	.1709471-	04-	
4.97	.1397012	02-	.1688609-	04-	
4.98	.1380334	02-	.1667804-	04-	
4.99	.1363861	02-	.1647305-	04-	
5.00	.1347590	02-	.1627095-	04-	

x	$-h_0^{(1)}(ix)$	Diff.
5.00	.1347590	02- .1627095- 04-
5.01	.1331518	02- .1607249- 04-
5.02	.1315643	02- .1587458- 04-
5.03	.1299963	02- .1568031- 04-
5.04	.1284475	02- .1548836- 04-
5.05	.1269176	02- .1529884- 04-
5.06	.1254063	02- .1511285- 04-
5.07	.1239136	02- .1492687- 04-
5.08	.1224392	02- .1474451- 04-
5.09	.1209828	02- .1456449- 04-
5.10	.1195441	02- .1438624- 04-
5.11	.1181230	02- .1421170- 04-
5.12	.1167192	02- .1403755- 04-
5.13	.1153326	02- .1386656- 04-
5.14	.1139629	02- .1369724- 04-
5.15	.1126098	02- .1353091- 04-
5.16	.1112733	02- .1336523- 04-
5.17	.1099530	02- .1320252- 04-
5.18	.1086488	02- .1304224- 04-
5.19	.1073605	02- .1288299- 04-
5.20	.1060878	02- .1272746- 04-
5.21	.1048306	02- .1257192- 04-
5.22	.1035888	02- .1241872- 04-
5.23	.1023619	02- .1226850- 04-
5.24	.1011500	02- .1211958- 04-
5.25	.9995270	03- .1197280- 04-
5.26	.9877004	03- .1182665- 04-
5.27	.9760172	03- .1168317- 04-
5.28	.9644758	03- .1154150- 04-
5.29	.9530735	03- .1140226- 04-
5.30	.9418100	03- .1126350- 04-
5.31	.9306830	03- .1112706- 04-
5.32	.9196907	03- .1099225- 04-
5.33	.9088314	03- .1085932- 04-
5.34	.8981029	03- .1072855- 04-
5.35	.8875048	03- .1059808- 04-
5.36	.8770347	03- .1047010- 04-
5.37	.8666913	03- .1034345- 04-
5.38	.8564722	03- .1021911- 04-
5.39	.8463771	03- .1009513- 04-
5.40	.8364038	03- .9973245- 05-
5.41	.8265510	03- .9852890- 05-
5.42	.8168169	03- .9734109- 05-
5.43	.8071998	03- .9617098- 05-
5.44	.7976990	03- .9500813- 05-
5.45	.7883127	03- .9386251- 05-
5.46	.7790396	03- .9273179- 05-
5.47	.7698776	03- .9162017- 05-
5.48	.7608263	03- .9051217- 05-
5.49	.7518841	03- .8942252- 05-
5.50	.7430493	03- .8834787- 05-

x	$-h_0^{(1)}(ix)$	Diff.
5.50	.7430493	03- .8834787- 05-
5.51	.7343209	03- .8728458- 05-
5.52	.7256968	03- .8624085- 05-
5.53	.7171769	03- .8519897- 05-
5.54	.7087593	03- .8417619- 05-
5.55	.7004428	03- .8316525- 05-
5.56	.6922261	03- .8216687- 05-
5.57	.6841076	03- .8118516- 05-
5.58	.6760869	03- .8020709- 05-
5.59	.6681623	03- .7924568- 05-
5.60	.6603329	03- .7829443- 05-
5.61	.6525972	03- .7735733- 05-
5.62	.6449538	03- .7643411- 05-
5.63	.6374023	03- .7551499- 05-
5.64	.6299413	03- .7461021- 05-
5.65	.6225694	03- .7371856- 05-
5.66	.6152855	03- .7283939- 05-
5.67	.6080890	03- .7196488- 05-
5.68	.6009786	03- .7110434- 05-
5.69	.5939531	03- .7025488- 05-
5.70	.5870116	03- .6941501- 05-
5.71	.5801526	03- .6859014- 05-
5.72	.5733760	03- .6776648- 05-
5.73	.5666801	03- .6695874- 05-
5.74	.5600643	03- .6615827- 05-
5.75	.5535269	03- .6537447- 05-
5.76	.5470678	03- .6459123- 05-
5.77	.5406858	03- .6381944- 05-
5.78	.5343798	03- .6306060- 05-
5.79	.5281489	03- .6230837- 05-
5.80	.5219920	03- .6156992- 05-
5.81	.5159087	03- .6083316- 05-
5.82	.5098978	03- .6010905- 05-
5.83	.5039583	03- .5939491- 05-
5.84	.4980893	03- .5869037- 05-
5.85	.4922903	03- .5798945- 05-
5.86	.4865602	03- .5730102- 05-
5.87	.4808983	03- .5661920- 05-
5.88	.4753037	03- .5594613- 05-
5.89	.4697755	03- .5528228- 05-
5.90	.4643126	03- .5462887- 05-
5.91	.4589148	03- .5397806- 05-
5.92	.4535811	03- .5333731- 05-
5.93	.4483107	03- .5270438- 05-
5.94	.4431025	03- .5208142- 05-
5.95	.4379563	03- .5146210- 05-
5.96	.4328712	03- .5085180- 05-
5.97	.4278461	03- .5025044- 05-
5.98	.4228808	03- .4965374- 05-
5.99	.4179738	03- .4906962- 05-
6.00	.4131253	03- .4848549- 05-

x	$-h_0^{(1)}(ix)$	Diff.	x	$-h_0^{(1)}(ix)$	Diff.
6.00	.4131253	03-	.4848549-	05-	
6.01	.4083342	03-	.4791087-	05-	
6.02	.4035997	03-	.4734471-	05-	
6.03	.3989210	03-	.4678788-	05-	
6.04	.3942978	03-	.4623188-	05-	
6.05	.3897293	03-	.4568529-	05-	
6.06	.3852147	03-	.4514586-	05-	
6.07	.3807535	03-	.4461175-	05-	
6.08	.3763447	03-	.4408788-	05-	
6.09	.3719883	03-	.4356448-	05-	
6.10	.3676833	03-	.4305020-	05-	
6.11	.3634289	03-	.4254347-	05-	
6.12	.3592247	03-	.4204223-	05-	
6.13	.3550702	03-	.4154518-	05-	
6.14	.3509648	03-	.4105456-	05-	
6.15	.3469076	03-	.4057233-	05-	
6.16	.3428983	03-	.4009260-	05-	
6.17	.3389361	03-	.3962228-	05-	
6.18	.3350207	03-	.3915439-	05-	
6.19	.3311513	03-	.3869366-	05-	
6.20	.3273275	03-	.3823768-	05-	
6.21	.3235489	03-	.3778702-	05-	
6.22	.3198143	03-	.3734595-	05-	
6.23	.3161238	03-	.3690431-	05-	
6.24	.3124768	03-	.3647041-	05-	
6.25	.3088728	03-	.3604069-	05-	
6.26	.3053107	03-	.3562095-	05-	
6.27	.3017907	03-	.3519962-	05-	
6.28	.2983122	03-	.3478537-	05-	
6.29	.2948744	03-	.3437828-	05-	
6.30	.2914770	03-	.3397353-	05-	
6.31	.2881193	03-	.3357781-	05-	
6.32	.2848011	03-	.3318144-	05-	
6.33	.2815219	03-	.3279215-	05-	
6.34	.2782811	03-	.3240835-	05-	
6.35	.2750781	03-	.3202986-	05-	
6.36	.2719129	03-	.3165249-	05-	
6.37	.2687847	03-	.3128182-	05-	
6.38	.2656933	03-	.3091404-	05-	
6.39	.2626379	03-	.3055400-	05-	
6.40	.2596182	03-	.3019702-	05-	
6.41	.2566341	03-	.2984181-	05-	
6.42	.2536848	03-	.2949303-	05-	
6.43	.2507700	03-	.2914798-	05-	
6.44	.2478893	03-	.2880637-	05-	
6.45	.2450421	03-	.2847211-	05-	
6.46	.2422283	03-	.2813824-	05-	
6.47	.2394476	03-	.2780743-	05-	
6.48	.2366992	03-	.2748380-	05-	
6.49	.2339829	03-	.2716314-	05-	
6.50	.2312983	03-	.2684659-	05-	
6.50	.2312983	03-	.2684659-	05-	
6.51	.2286450	03-	.2653254-	05-	
6.52	.2260229	03-	.2622139-	05-	
6.53	.2234312	03-	.2591676-	05-	
6.54	.2208697	03-	.2561519-	05-	
6.55	.2183381	03-	.2531596-	05-	
6.56	.2158362	03-	.2501914-	05-	
6.57	.2133633	03-	.2472885-	05-	
6.58	.2109193	03-	.2444404-	05-	
6.59	.2085037	03-	.2415609-	05-	
6.60	.2061164	03-	.2387353-	05-	
6.61	.2037568	03-	.2359580-	05-	
6.62	.2014246	03-	.2332218-	05-	
6.63	.1991196	03-	.2305042-	05-	
6.64	.1968414	03-	.2278155-	05-	
6.65	.1945898	03-	.2251640-	05-	
6.66	.1923643	03-	.2225460-	05-	
6.67	.1901648	03-	.2199542-	05-	
6.68	.1879906	03-	.2174210-	05-	
6.69	.1858419	03-	.2148701-	05-	
6.70	.1837182	03-	.2123723-	05-	
6.71	.1816192	03-	.2099043-	05-	
6.72	.1795443	03-	.2074847-	05-	
6.73	.1774936	03-	.2050707-	05-	
6.74	.1754670	03-	.2026688-	05-	
6.75	.1734636	03-	.2003322-	05-	
6.76	.1714836	03-	.1980011-	05-	
6.77	.1695266	03-	.1957072-	05-	
6.78	.1675922	03-	.1934422-	05-	
6.79	.1656802	03-	.1912006-	05-	
6.80	.1637905	03-	.1889710-	05-	
6.81	.1619226	03-	.1867842-	05-	
6.82	.1600763	03-	.1846384-	05-	
6.83	.1582515	03-	.1824750-	05-	
6.84	.1564479	03-	.1803646-	05-	
6.85	.1546651	03-	.1782840-	05-	
6.86	.1529029	03-	.1762165-	05-	
6.87	.1511611	03-	.1741834-	05-	
6.88	.1494396	03-	.1721513-	05-	
6.89	.1477378	03-	.1701778-	05-	
6.90	.1460559	03-	.1681932-	05-	
6.91	.1443933	03-	.1662560-	05-	
6.92	.1427500	03-	.1643310-	05-	
6.93	.1411257	03-	.1624357-	05-	
6.94	.1395202	03-	.1605526-	05-	
6.95	.1379332	03-	.1586983-	05-	
6.96	.1363645	03-	.1568739-	05-	
6.97	.1348140	03-	.1550503-	05-	
6.98	.1332813	03-	.1532687-	05-	
6.99	.1317664	03-	.1514918-	05-	
7.00	.1302689	03-	.1497520-	05-	

x	$-h_0^{(1)}(ix)$	Diff.	x	$-h_0^{(1)}(ix)$	Diff.				
7.00	.1302689	03-	.1497520-	05-	7.50	.7374459	04-	.8405876-	06-
7.01	.1287887	03-	.1480170-	05-	7.51	.7291357	04-	.8310266-	06-
7.02	.1273256	03-	.1463127-	05-	7.52	.7209209	04-	.8214843-	06-
7.03	.1258794	03-	.1446195-	05-	7.53	.7127998	04-	.8121077-	06-
7.04	.1244498	03-	.1429571-	05-	7.54	.7047715	04-	.8028345-	06-
7.05	.1230367	03-	.1413115-	05-	7.55	.6968348	04-	.7936666-	06-
7.06	.1216400	03-	.1396788-	05-	7.56	.6889882	04-	.7846598-	06-
7.07	.1202593	03-	.1380630-	05-	7.57	.6812317	04-	.7756539-	06-
7.08	.1188946	03-	.1364779-	05-	7.58	.6735637	04-	.7668035-	06-
7.09	.1175455	03-	.1349040-	05-	7.59	.6659831	04-	.7580584-	06-
7.10	.1162120	03-	.1333542-	05-	7.60	.6584885	04-	.7494577-	06-
7.11	.1148939	03-	.1318166-	05-	7.61	.6510798	04-	.7408690-	06-
7.12	.1135909	03-	.1302967-	05-	7.62	.6437557	04-	.7324172-	06-
7.13	.1123030	03-	.1287945-	05-	7.63	.6365149	04-	.7240782-	06-
7.14	.1110297	03-	.1273230-	05-	7.64	.6293567	04-	.7158164-	06-
7.15	.1097713	03-	.1258497-	05-	7.65	.6222798	04-	.7076990-	06-
7.16	.1085272	03-	.1244023-	05-	7.66	.6152837	04-	.6996049-	06-
7.17	.1072975	03-	.1229709-	05-	7.67	.6083674	04-	.6916291-	06-
7.18	.1060820	03-	.1215590-	05-	7.68	.6015300	04-	.6837500-	06-
7.19	.1048803	03-	.1201695-	05-	7.69	.5947702	04-	.6759772-	06-
7.20	.1036925	03-	.1187753-	05-	7.70	.5880871	04-	.6683059-	06-
7.21	.1025184	03-	.1174156-	05-	7.71	.5814805	04-	.6606644-	06-
7.22	.1013578	03-	.1160633-	05-	7.72	.5749490	04-	.6531487-	06-
7.23	.1002104	03-	.1147399-	05-	7.73	.5684918	04-	.6457223-	06-
7.24	.9907619	04-	.1134193-	05-	7.74	.5621082	04-	.6383667-	06-
7.25	.9795508	04-	.1121112-	05-	7.75	.5557966	04-	.6311545-	06-
7.26	.9684684	04-	.1108236-	05-	7.76	.5495574	04-	.6239247-	06-
7.27	.9575133	04-	.1095517-	05-	7.77	.5433890	04-	.6168373-	06-
7.28	.9466832	04-	.1083012-	05-	7.78	.5372908	04-	.6098217-	06-
7.29	.9359780	04-	.1070518-	05-	7.79	.5312616	04-	.6029261-	06-
7.30	.9253955	04-	.1058245-	05-	7.80	.5253012	04-	.5960353-	06-
7.31	.9149346	04-	.1046099-	05-	7.81	.5194085	04-	.5892702-	06-
7.32	.9045928	04-	.1034177-	05-	7.82	.5135828	04-	.5825711-	06-
7.33	.8943703	04-	.1022251-	05-	7.83	.5078232	04-	.5759662-	06-
7.34	.8842649	04-	.1010538-	05-	7.84	.5021287	04-	.5694460-	06-
7.35	.8742753	04-	.9989627-	06-	7.85	.4964993	04-	.5629426-	06-
7.36	.8644003	04-	.9875074-	06-	7.86	.4909337	04-	.5565593-	06-
7.37	.8546383	04-	.9761993-	06-	7.87	.4854313	04-	.5502477-	06-
7.38	.8449875	04-	.9650840-	06-	7.88	.4799910	04-	.5440237-	06-
7.39	.8354478	04-	.9539677-	06-	7.89	.4746128	04-	.5378258-	06-
7.40	.8260174	04-	.9430414-	06-	7.90	.4692956	04-	.5317163-	06-
7.41	.8166948	04-	.9322595-	06-	7.91	.4640387	04-	.5256897-	06-
7.42	.8074784	04-	.9216378-	06-	7.92	.4588414	04-	.5197302-	06-
7.43	.7983680	04-	.9110402-	06-	7.93	.4537027	04-	.5138703-	06-
7.44	.7893618	04-	.9006271-	06-	7.94	.4486227	04-	.5080057-	06-
7.45	.7804586	04-	.8903155-	06-	7.95	.4436002	04-	.5022474-	06-
7.46	.7716573	04-	.8801343-	06-	7.96	.4386346	04-	.4965672-	06-
7.47	.7629560	04-	.8701282-	06-	7.97	.4337254	04-	.4909225-	06-
7.48	.7543547	04-	.8601314-	06-	7.98	.4288713	04-	.4854035-	06-
7.49	.7458518	04-	.8502910-	06-	7.99	.4240727	04-	.4798658-	06-
7.50	.7374459	04-	.8405876-	06-	8.00	.4193283	04-	.4744362-	06-

x	$-h_0^{(1)}(ix)$	Diff.	x	$-h_0^{(1)}(ix)$	Diff.
8.00	.4193283	04-	8.50	.2393745	04-
8.01	.4146377	04-	8.51	.2367143	04-
8.02	.4099999	04-	8.52	.2340839	04-
8.03	.4054149	04-	8.53	.2314829	04-
8.04	.4008818	04-	8.54	.2289113	04-
8.05	.3964000	04-	8.55	.2263685	04-
8.06	.3919688	04-	8.56	.2238544	04-
8.07	.3875876	04-	8.57	.2213684	04-
8.08	.3832562	04-	8.58	.2189102	04-
8.09	.3789738	04-	8.59	.2164797	04-
8.10	.3747398	04-	8.60	.2140765	04-
8.11	.3705534	04-	8.61	.2117003	04-
8.12	.3664145	04-	8.62	.2093506	04-
8.13	.3623225	04-	8.63	.2070274	04-
8.14	.3582767	04-	8.64	.2047302	04-
8.15	.3542766	04-	8.65	.2024588	04-
8.16	.3503215	04-	8.66	.2002129	04-
8.17	.3464112	04-	8.67	.1979920	04-
8.18	.3425452	04-	8.68	.1957961	04-
8.19	.3387228	04-	8.69	.1936249	04-
8.20	.3349432	04-	8.70	.1914780	04-
8.21	.3312066	04-	8.71	.1893551	04-
8.22	.3275123	04-	8.72	.1872559	04-
8.23	.3238595	04-	8.73	.1851804	04-
8.24	.3202479	04-	8.74	.1831281	04-
8.25	.3166771	04-	8.75	.1810986	04-
8.26	.3131464	04-	8.76	.1790919	04-
8.27	.3096557	04-	8.77	.1771078	04-
8.28	.3062043	04-	8.78	.1751459	04-
8.29	.3027919	04-	8.79	.1732059	04-
8.30	.2994177	04-	8.80	.1712877	04-
8.31	.2960818	04-	8.81	.1693907	04-
8.32	.2927834	04-	8.82	.1675152	04-
8.33	.2895223	04-	8.83	.1656606	04-
8.34	.2862979	04-	8.84	.1638267	04-
8.35	.2831095	04-	8.85	.1620133	04-
8.36	.2799573	04-	8.86	.1602201	04-
8.37	.2768406	04-	8.87	.1584471	04-
8.38	.2737589	04-	8.88	.1566939	04-
8.39	.2707118	04-	8.89	.1549603	04-
8.40	.2676991	04-	8.90	.1532459	04-
8.41	.2647204	04-	8.91	.1515508	04-
8.42	.2617751	04-	8.92	.1498747	04-
8.43	.2588630	04-	8.93	.1482173	04-
8.44	.2559835	04-	8.94	.1465784	04-
8.45	.2531365	04-	8.95	.1449577	04-
8.46	.2503216	04-	8.96	.1433552	04-
8.47	.2475383	04-	8.97	.1417705	04-
8.48	.2447861	04-	8.98	.1402037	04-
8.49	.2420651	04-	8.99	.1386541	04-
8.50	.2393745	04-	9.00	.1371220	04-

x	$-h_0^{(1)}(ix)$	Diff.	x	$-h_0^{(1)}(ix)$	Diff.				
9.00	.1371220	04-	.1532082-	06-	9.50	.7879143	05-	.8757124-	07-
9.01	.1356069	04-	.1515160-	06-	9.51	.7792537	05-	.8660620-	07-
9.02	.1341088	04-	.1498116-	06-	9.52	.7706897	05-	.8564005-	07-
9.03	.1326274	04-	.1481362-	06-	9.53	.7622207	05-	.8468992-	07-
9.04	.1311624	04-	.1465036-	06-	9.54	.7538456	05-	.8375123-	07-
9.05	.1297139	04-	.1448514-	06-	9.55	.7455628	05-	.8282792-	07-
9.06	.1282814	04-	.1432495-	06-	9.56	.7373723	05-	.8190517-	07-
9.07	.1268650	04-	.1416393-	06-	9.57	.7292725	05-	.8099750-	07-
9.08	.1254643	04-	.1400719-	06-	9.58	.7212626	05-	.8009915-	07-
9.09	.1240793	04-	.1385044-	06-	9.59	.7133414	05-	.7921234-	07-
9.10	.1227096	04-	.1369659-	06-	9.60	.7055075	05-	.7833904-	07-
9.11	.1213554	04-	.1354227-	06-	9.61	.6977609	05-	.7746648-	07-
9.12	.1200161	04-	.1339326-	06-	9.62	.6901000	05-	.7660874-	07-
9.13	.1186917	04-	.1324369-	06-	9.63	.6825240	05-	.7576002-	07-
9.14	.1173822	04-	.1309524-	06-	9.64	.6750315	05-	.7492546-	07-
9.15	.1160873	04-	.1294976-	06-	9.65	.6676223	05-	.7409165-	07-
9.16	.1148067	04-	.1280615-	06-	9.66	.6602952	05-	.7327088-	07-
9.17	.1135404	04-	.1266254-	06-	9.67	.6530493	05-	.7245969-	07-
9.18	.1122881	04-	.1252303-	06-	9.68	.6458835	05-	.7165801-	07-
9.19	.1110499	04-	.1238231-	06-	9.69	.6387966	05-	.7086881-	07-
9.20	.1098254	04-	.1224475-	06-	9.70	.6317886	05-	.7008091-	07-
9.21	.1086146	04-	.1210813-	06-	9.71	.6248581	05-	.6930475-	07-
9.22	.1074173	04-	.1197346-	06-	9.72	.6180043	05-	.6853827-	07-
9.23	.1062332	04-	.1184056-	06-	9.73	.6112262	05-	.6778073-	07-
9.24	.1050624	04-	.1170887-	06-	9.74	.6045228	05-	.6703390-	07-
9.25	.1039045	04-	.1157830-	06-	9.75	.5978940	05-	.6628819-	07-
9.26	.1027596	04-	.1144959-	06-	9.76	.5913384	05-	.6555626-	07-
9.27	.1016273	04-	.1132256-	06-	9.77	.5848554	05-	.6483030-	07-
9.28	.1005077	04-	.1119627-	06-	9.78	.5784436	05-	.6411802-	07-
9.29	.9940050	05-	.1107250-	06-	9.79	.5721031	05-	.6340510-	07-
9.30	.9830564	05-	.1094861-	06-	9.80	.5658327	05-	.6270418-	07-
9.31	.9722295	05-	.1082684-	06-	9.81	.5596316	05-	.6201100-	07-
9.32	.9615225	05-	.1070709-	06-	9.82	.5534989	05-	.6132666-	07-
9.33	.9509349	05-	.1058758-	06-	9.83	.5474338	05-	.6065145-	07-
9.34	.9404651	05-	.1046980-	06-	9.84	.5414360	05-	.5997783-	07-
9.35	.9301116	05-	.1035352-	06-	9.85	.5355045	05-	.5931510-	07-
9.36	.9198726	05-	.1023901-	06-	9.86	.5296385	05-	.5866001-	07-
9.37	.9097479	05-	.1012470-	06-	9.87	.5238370	05-	.5801507-	07-
9.38	.8997356	05-	.1001235-	06-	9.88	.5180998	05-	.5737199-	07-
9.39	.8898346	05-	.9900993-	07-	9.89	.5124261	05-	.5673711-	07-
9.40	.8800435	05-	.9791088-	07-	9.90	.5068150	05-	.5611135-	07-
9.41	.8703606	05-	.9682961-	07-	9.91	.5012659	05-	.5549137-	07-
9.42	.8607857	05-	.9574900-	07-	9.92	.4957777	05-	.5488228-	07-
9.43	.8513170	05-	.9468626-	07-	9.93	.4903504	05-	.5427310-	07-
9.44	.8419536	05-	.9363480-	07-	9.94	.4849830	05-	.5367408-	07-
9.45	.8326941	05-	.9259470-	07-	9.95	.4796748	05-	.5308222-	07-
9.46	.8235368	05-	.9157369-	07-	9.96	.4744249	05-	.5249866-	07-
9.47	.8144816	05-	.9055212-	07-	9.97	.4692332	05-	.5191695-	07-
9.48	.8055269	05-	.8954713-	07-	9.98	.4640989	05-	.5134354-	07-
9.49	.7966714	05-	.8855472-	07-	9.99	.4590211	05-	.5077785-	07-
9.50	.7879143	05-	.8757124-	07-	10.00	.4539993	05-	.5021821-	07-

x	$-ih_1^{(1)}(ix)$	Diff.	x	$-ih_1^{(1)}(ix)$	Diff.
.00	∞	-	.50	.3639184 01	.1626207- 00
.01	.9999504 04	$-\infty$.51	.3486152 01	.1530314- 00
.02	.2499506 04	.7499998- 04	.52	.3341979 01	.1441737- 00
.03	.1110621 04	.1388885- 04	.53	.3206000 01	.1359785- 00
.04	.6245131 03	.4861081- 03	.54	.3077614 01	.1283862- 00
.05	.3995163 03	.2249968- 03	.55	.2956272 01	.1213426- 00
.06	.2772973 03	.1222190- 03	.56	.2841473 01	.1147987- 00
.07	.2036043 03	.7369299- 02	.57	.2732763 01	.1087101- 00
.08	.1557758 03	.4782851- 02	.58	.2629725 01	.1030387- 00
.09	.1229858 03	.3279008- 02	.59	.2531974 01	.9775055- 01-
.10	.9953212 02	.2345368- 02	.60	.2439163 01	.9281175- 01-
.11	.8217981 02	.1735231- 02	.61	.2350967 01	.8819593- 01-
.12	.6898269 02	.1319712- 02	.62	.2267091 01	.8387580- 01-
.13	.5871288 02	.1026981- 02	.63	.2187263 01	.7982864- 01-
.14	.5056471 02	.8148171- 01	.64	.2111229 01	.7603369- 01-
.15	.4399174 02	.6572976- 01	.65	.2038758 01	.7247101- 01-
.16	.3861276 02	.5378981- 01	.66	.1969635 01	.6912310- 01-
.17	.3415529 02	.4457475- 01	.67	.1903661 01	.6597466- 01-
.18	.3042033 02	.3734960- 01	.68	.1840650 01	.6301119- 01-
.19	.2725987 02	.3160461- 01	.69	.1780431 01	.6021872- 01-
.20	.2456192 02	.2697952- 01	.70	.1722847 01	.5758485- 01-
.21	.2224052 02	.2321400- 01	.71	.1667748 01	.5509924- 01-
.22	.2022877 02	.2011747- 01	.72	.1614996 01	.5275202- 01-
.23	.1847403 02	.1754743- 01	.73	.1564463 01	.5053241- 01-
.24	.1693435 02	.1539685- 01	.74	.1516030 01	.4843311- 01-
.25	.1557601 02	.1358337- 01	.75	.1469585 01	.4644585- 01-
.26	.1437167 02	.1204343- 01	.76	.1425022 01	.4456235- 01-
.27	.1329892 02	.1072748- 01	.77	.1382245 01	.4277784- 01-
.28	.1233932 02	.9596009- 00	.78	.1341161 01	.4108385- 01-
.29	.1147752 02	.8618008- 00	.79	.1301686 01	.3947565- 01-
.30	.1070070 02	.7768232- 00	.80	.1263738 01	.3794810- 01-
.31	.9998077 01	.7026275- 00	.81	.1227241 01	.3649663- 01-
.32	.9360515 01	.6375619- 00	.82	.1192126 01	.3511501- 01-
.33	.8780243 01	.5802715- 00	.83	.1158325 01	.3380138- 01-
.34	.8250625 01	.5296184- 00	.84	.1125776 01	.3254959- 01-
.35	.7765951 01	.4846741- 00	.85	.1094419 01	.3135703- 01-
.36	.7321295 01	.4446567- 00	.86	.1064199 01	.3022026- 01-
.37	.6912388 01	.4089071- 00	.87	.1035063 01	.2913545- 01-
.38	.6535517 01	.3768708- 00	.88	.1006963 01	.2810075- 01-
.39	.6187436 01	.3480811- 00	.89	.9798501 00	.2711272- 01-
.40	.5865300 01	.3221357- 00	.90	.9536818 00	.2616830- 01-
.41	.5566608 01	.2986928- 00	.91	.9284158 00	.2526607- 01-
.42	.5289152 01	.2774561- 00	.92	.9040126 00	.2440317- 01-
.43	.5030978 01	.2581735- 00	.93	.8804353 00	.2357735- 01-
.44	.4790353 01	.2406253- 00	.94	.8576481 00	.2278723- 01-
.45	.4565732 01	.2246208- 00	.95	.8356176 00	.2203048- 01-
.46	.4355738 01	.2099952- 00	.96	.8143120 00	.2130557- 01-
.47	.4159136 01	.1966012- 00	.97	.7937010 00	.2061107- 01-
.48	.3974823 01	.1843132- 00	.98	.7737566 00	.1994444- 01-
.49	.3801804 01	.1730193- 00	.99	.7544510 00	.1930555- 01-
.50	.3639184 01	.1626207- 00	1.00	.7357586 00	.1869244- 01-

x	$-ih_1^{(1)}(ix)$	Diff.
1.00	.7357586 00	.1869244- 01-
1.01	.7176550 00	.1810362- 01-
1.02	.7001171 00	.1753790- 01-
1.03	.6831219 00	.1699521- 01-
1.04	.6666492 00	.1647272- 01-
1.05	.6506776 00	.1597161- 01-
1.06	.6351894 00	.1548828- 01-
1.07	.6201656 00	.1502379- 01-
1.08	.6055889 00	.1457675- 01-
1.09	.5914420 00	.1414681- 01-
1.10	.5777100 00	.1373209- 01-
1.11	.5643772 00	.1333274- 01-
1.12	.5514295 00	.1294776- 01-
1.13	.5388525 00	.1257702- 01-
1.14	.5266332 00	.1221932- 01-
1.15	.5147591 00	.1187415- 01-
1.16	.5032179 00	.1154114- 01-
1.17	.4919980 00	.1121994- 01-
1.18	.4810885 00	.1090951- 01-
1.19	.4704783 00	.1061023- 01-
1.20	.4601578 00	.1032056- 01-
1.21	.4501168 00	.1004101- 01-
1.22	.4403461 00	.9770650- 02-
1.23	.4308362 00	.9509935- 02-
1.24	.4215793 00	.9256914- 02-
1.25	.4125668 00	.9012470- 02-
1.26	.4037907 00	.8776147- 02-
1.27	.3952432 00	.8547497- 02-
1.28	.3869170 00	.8326253- 02-
1.29	.3788053 00	.8111666- 02-
1.30	.3709012 00	.7904131- 02-
1.31	.3631982 00	.7703021- 02-
1.32	.3556897 00	.7508523- 02-
1.33	.3483700 00	.7319707- 02-
1.34	.3412336 00	.7136478- 02-
1.35	.3342741 00	.6959453- 02-
1.36	.3274867 00	.6787438- 02-
1.37	.3208659 00	.6620833- 02-
1.38	.3144070 00	.6458895- 02-
1.39	.3081052 00	.6301836- 02-
1.40	.3019554 00	.6149780- 02-
1.41	.2959536 00	.6001849- 02-
1.42	.2900951 00	.5858490- 02-
1.43	.2843761 00	.5719025- 02-
1.44	.2787923 00	.5583777- 02-
1.45	.2733399 00	.5452405- 02-
1.46	.2680151 00	.5324795- 02-
1.47	.2628145 00	.5200706- 02-
1.48	.2577344 00	.5080053- 02-
1.49	.2527714 00	.4962995- 02-
1.50	.2479224 00	.4849029- 02-

x	$-ih_1^{(1)}(ix)$	Diff.
1.50	.2479224 00	.4849029- 02-
1.51	.2431839 00	.4738528- 02-
1.52	.2385535 00	.4630457- 02-
1.53	.2340275 00	.4525982- 02-
1.54	.2296036 00	.4423927- 02-
1.55	.2252788 00	.4324806- 02-
1.56	.2210504 00	.4228433- 02-
1.57	.2169158 00	.4134547- 02-
1.58	.2128727 00	.4043118- 02-
1.59	.2089186 00	.3954121- 02-
1.60	.2050511 00	.3867583- 02-
1.61	.2012679 00	.3783187- 02-
1.62	.1975669 00	.3701044- 02-
1.63	.1939459 00	.3620996- 02-
1.64	.1904027 00	.3543147- 02-
1.65	.1869356 00	.3467161- 02-
1.66	.1835424 00	.3393186- 02-
1.67	.1802214 00	.3321008- 02-
1.68	.1769707 00	.3250731- 02-
1.69	.1737885 00	.3182185- 02-
1.70	.1706731 00	.3115438- 02-
1.71	.1676229 00	.3050217- 02-
1.72	.1646363 00	.2986682- 02-
1.73	.1617115 00	.2924759- 02-
1.74	.1588472 00	.2864372- 02-
1.75	.1560419 00	.2805307- 02-
1.76	.1532941 00	.2747788- 02-
1.77	.1506024 00	.2691705- 02-
1.78	.1479656 00	.2636868- 02-
1.79	.1453821 00	.2583457- 02-
1.80	.1428508 00	.2531303- 02-
1.81	.1403705 00	.2480285- 02-
1.82	.1379400 00	.2430515- 02-
1.83	.1355580 00	.2382049- 02-
1.84	.1332234 00	.2334607- 02-
1.85	.1309352 00	.2288237- 02-
1.86	.1286922 00	.2243003- 02-
1.87	.1264935 00	.2198765- 02-
1.88	.1243377 00	.2155737- 02-
1.89	.1222243 00	.2113418- 02-
1.90	.1201521 00	.2072291- 02-
1.91	.1181201 00	.2031993- 02-
1.92	.1161275 00	.1992598- 02-
1.93	.1141733 00	.1954218- 02-
1.94	.1122568 00	.1916537- 02-
1.95	.1103770 00	.1879824- 02-
1.96	.1085331 00	.1843829- 02-
1.97	.1067244 00	.1808773- 02-
1.98	.1049501 00	.1774333- 02-
1.99	.1032093 00	.1740768- 02-
2.00	.1015015 00	.1707864- 02-

x	$-ih_1^{(1)}(ix)$	Diff.	x	$-ih_1^{(1)}(ix)$	Diff.
2.00	.1015015	00	2.50	.4596759	01-
2.01	.9982573	01-	2.51	.4527730	01-
2.02	.9818137	01-	2.52	.4459843	01-
2.03	.9656787	01-	2.53	.4393074	01-
2.04	.9498441	01-	2.54	.4327407	01-
2.05	.9343043	01-	2.55	.4262820	01-
2.06	.9190526	01-	2.56	.4199294	01-
2.07	.9040821	01-	2.57	.4136804	01-
2.08	.8893884	01-	2.58	.4075339	01-
2.09	.8749641	01-	2.59	.4014876	01-
2.10	.8608048	01-	2.60	.3955398	01-
2.11	.8469032	01-	2.61	.3896886	01-
2.12	.8332559	01-	2.62	.3839320	01-
2.13	.8198562	01-	2.63	.3782688	01-
2.14	.8066995	01-	2.64	.3726972	01-
2.15	.7937807	01-	2.65	.3672153	01-
2.16	.7810941	01-	2.66	.3618217	01-
2.17	.7686358	01-	2.67	.3565145	01-
2.18	.7564010	01-	2.68	.3512926	01-
2.19	.7443846	01-	2.69	.3461542	01-
2.20	.7325823	01-	2.70	.3410980	01-
2.21	.7209905	01-	2.71	.3361222	01-
2.22	.7096040	01-	2.72	.3312257	01-
2.23	.6984188	01-	2.73	.3264071	01-
2.24	.6874312	01-	2.74	.3216649	01-
2.25	.6766368	01-	2.75	.3169977	01-
2.26	.6660319	01-	2.76	.3124042	01-
2.27	.6556127	01-	2.77	.3078832	01-
2.28	.6453757	01-	2.78	.3034335	01-
2.29	.6353170	01-	2.79	.2990537	01-
2.30	.6254327	01-	2.80	.2947427	01-
2.31	.6157207	01-	2.81	.2904990	01-
2.32	.6061762	01-	2.82	.2863219	01-
2.33	.5967965	01-	2.83	.2822101	01-
2.34	.5875780	01-	2.84	.2781623	01-
2.35	.5785181	01-	2.85	.2741774	01-
2.36	.5696135	01-	2.86	.2702545	01-
2.37	.5608611	01-	2.87	.2663925	01-
2.38	.5522580	01-	2.88	.2625903	01-
2.39	.5438009	01-	2.89	.2588469	01-
2.40	.5354878	01-	2.90	.2551611	01-
2.41	.5273155	01-	2.91	.2515323	01-
2.42	.5192814	01-	2.92	.2479593	01-
2.43	.5113828	01-	2.93	.2444412	01-
2.44	.5036167	01-	2.94	.2409772	01-
2.45	.4959814	01-	2.95	.2375659	01-
2.46	.4884740	01-	2.96	.2342071	01-
2.47	.4810921	01-	2.97	.2308995	01-
2.48	.4738331	01-	2.98	.2276424	01-
2.49	.4666952	01-	2.99	.2244346	01-
2.50	.4596759	01-	3.00	.2212758	01-

x	$-ih_1^{(1)}(ix)$	Diff.	x	$-ih_1^{(1)}(ix)$	Diff.				
3.00	.2212758	01-	.3158828-	03-	3.50	.1109291	01-	.1507481-	03-
3.01	.2181649	01-	.3110902-	03-	3.51	.1094431	01-	.1486014-	03-
3.02	.2151012	01-	.3063749-	03-	3.52	.1079783	01-	.1464864-	03-
3.03	.2120839	01-	.3017322-	03-	3.53	.1065342	01-	.1444049-	03-
3.04	.2091119	01-	.2971958-	03-	3.54	.1051107	01-	.1423560-	03-
3.05	.2061850	01-	.2926966-	03-	3.55	.1037073	01-	.1403462-	03-
3.06	.2033021	01-	.2882849-	03-	3.56	.1023237	01-	.1383559-	03-
3.07	.2004627	01-	.2839459-	03-	3.57	.1009598	01-	.1363946-	03-
3.08	.1976658	01-	.2796907-	03-	3.58	.9961510	02-	.1344695-	03-
3.09	.1949109	01-	.2754876-	03-	3.59	.9828934	02-	.1325758-	03-
3.10	.1921974	01-	.2713581-	03-	3.60	.9698233	02-	.1307012-	03-
3.11	.1895244	01-	.2672985-	03-	3.61	.9569370	02-	.1288636-	03-
3.12	.1868914	01-	.2633049-	03-	3.62	.9442320	02-	.1270497-	03-
3.13	.1842975	01-	.2593887-	03-	3.63	.9317058	02-	.1252617-	03-
3.14	.1817424	01-	.2555144-	03-	3.64	.9193547	02-	.1235111-	03-
3.15	.1792253	01-	.2517118-	03-	3.65	.9071776	02-	.1217718-	03-
3.16	.1767456	01-	.2479689-	03-	3.66	.8951708	02-	.1200677-	03-
3.17	.1743027	01-	.2442911-	03-	3.67	.8833320	02-	.1183881-	03-
3.18	.1718959	01-	.2406850-	03-	3.68	.8716590	02-	.1167299-	03-
3.19	.1695248	01-	.2371087-	03-	3.69	.8601482	02-	.1151086-	03-
3.20	.1671887	01-	.2336097-	03-	3.70	.8487988	02-	.1134946-	03-
3.21	.1648871	01-	.2301592-	03-	3.71	.8376076	02-	.1119121-	03-
3.22	.1626194	01-	.2267729-	03-	3.72	.8265719	02-	.1103569-	03-
3.23	.1603851	01-	.2234294-	03-	3.73	.8156895	02-	.1088239-	03-
3.24	.1581837	01-	.2201456-	03-	3.74	.8049587	02-	.1073081-	03-
3.25	.1560146	01-	.2169148-	03-	3.75	.7943770	02-	.1058169-	03-
3.26	.1538773	01-	.2137316-	03-	3.76	.7839420	02-	.1043506-	03-
3.27	.1517711	01-	.2106144-	03-	3.77	.7736517	02-	.1029028-	03-
3.28	.1496959	01-	.2075206-	03-	3.78	.7635034	02-	.1014830-	03-
3.29	.1476511	01-	.2044873-	03-	3.79	.7534959	02-	.1000758-	03-
3.30	.1456360	01-	.2015070-	03-	3.80	.7436267	02-	.9869230-	04-
3.31	.1436504	01-	.1985678-	03-	3.81	.7338938	02-	.9732913-	04-
3.32	.1416935	01-	.1956900-	03-	3.82	.7242945	02-	.9599287-	04-
3.33	.1397651	01-	.1928402-	03-	3.83	.7148280	02-	.9466480-	04-
3.34	.1378648	01-	.1900331-	03-	3.84	.7054918	02-	.9336253-	04-
3.35	.1359919	01-	.1872848-	03-	3.85	.6962841	02-	.9207740-	04-
3.36	.1341462	01-	.1845793-	03-	3.86	.6872029	02-	.9081136-	04-
3.37	.1323272	01-	.1818971-	03-	3.87	.6782459	02-	.8957047-	04-
3.38	.1305345	01-	.1792745-	03-	3.88	.6694123	02-	.8833600-	04-
3.39	.1287677	01-	.1766808-	03-	3.89	.6606995	02-	.8712779-	04-
3.40	.1270263	01-	.1741430-	03-	3.90	.6521063	02-	.8593282-	04-
3.41	.1253099	01-	.1716330-	03-	3.91	.6436305	02-	.8475795-	04-
3.42	.1236183	01-	.1691650-	03-	3.92	.6352700	02-	.8360516-	04-
3.43	.1219510	01-	.1667333-	03-	3.93	.6270244	02-	.8245600-	04-
3.44	.1203076	01-	.1643380-	03-	3.94	.6188911	02-	.8133311-	04-
3.45	.1186877	01-	.1619948-	03-	3.95	.6108686	02-	.8022501-	04-
3.46	.1170911	01-	.1596646-	03-	3.96	.6029550	02-	.7913658-	04-
3.47	.1155172	01-	.1573875-	03-	3.97	.5951496	02-	.7805364-	04-
3.48	.1139659	01-	.1551346-	03-	3.98	.5874501	02-	.7699510-	04-
3.49	.1124366	01-	.1529284-	03-	3.99	.5798554	02-	.7594717-	04-
3.50	.1109291	01-	.1507481-	03-	4.00	.5723637	02-	.7491778-	04-

x	$-ih_1^{(1)}(ix)$	Diff.
4.00	.5723637	02-.7491778- 04-
4.01	.5649734	02-.7390339- 04-
4.02	.5576833	02-.7290016- 04-
4.03	.5504920	02-.7191380- 04-
4.04	.5433981	02-.7093917- 04-
4.05	.5364000	02-.6998140- 04-
4.06	.5294960	02-.6903955- 04-
4.07	.5226856	02-.6810441- 04-
4.08	.5159670	02-.6718650- 04-
4.09	.5093387	02-.6628228- 04-
4.10	.5027995	02-.6539305- 04-
4.11	.4963486	02-.6450904- 04-
4.12	.4899843	02-.6364235- 04-
4.13	.4837055	02-.6278889- 04-
4.14	.4775108	02-.6194670- 04-
4.15	.4713991	02-.6111754- 04-
4.16	.4653695	02-.6029620- 04-
4.17	.4594205	02-.5948977- 04-
4.18	.4535512	02-.5869340- 04-
4.19	.4477601	02-.5791081- 04-
4.20	.4420462	02-.5713902- 04-
4.21	.4364090	02-.5637236- 04-
4.22	.4308468	02-.5562264- 04-
4.23	.4253587	02-.5488112- 04-
4.24	.4199434	02-.5415273- 04-
4.25	.4146006	02-.5342854- 04-
4.26	.4093285	02-.5272045- 04-
4.27	.4041266	02-.5201954- 04-
4.28	.3989936	02-.5132989- 04-
4.29	.3939286	02-.5064975- 04-
4.30	.3889310	02-.4997631- 04-
4.31	.3839995	02-.4931582- 04-
4.32	.3791333	02-.4866138- 04-
4.33	.3743313	02-.4802063- 04-
4.34	.3695929	02-.4738407- 04-
4.35	.3649170	02-.4675934- 04-
4.36	.3603028	02-.4614187- 04-
4.37	.3557497	02-.4553102- 04-
4.38	.3512561	02-.4493665- 04-
4.39	.3468220	02-.4434406- 04-
4.40	.3424463	02-.4375712- 04-
4.41	.3381281	02-.4318250- 04-
4.42	.3338667	02-.4261393- 04-
4.43	.3296611	02-.4205663- 04-
4.44	.3255107	02-.4150398- 04-
4.45	.3214148	02-.4095868- 04-
4.46	.3173726	02-.4042280- 04-
4.47	.3133832	02-.3989353- 04-
4.48	.3094461	02-.3937144- 04-
4.49	.3055606	02-.3885520- 04-
4.50	.3017258	02-.3834800- 04-

x	$-ih_1^{(1)}(ix)$	Diff.
4.50	.3017258	02-.3834800- 04-
4.51	.2979410	02-.3784788- 04-
4.52	.2942055	02-.3735503- 04-
4.53	.2905191	02-.3686497- 04-
4.54	.2868804	02-.3638645- 04-
4.55	.2832893	02-.3591194- 04-
4.56	.2797449	02-.3544340- 04-
4.57	.2762464	02-.3498509- 04-
4.58	.2727936	02-.3452856- 04-
4.59	.2693858	02-.3407789- 04-
4.60	.2660221	02-.3363747- 04-
4.61	.2627019	02-.3320170- 04-
4.62	.2594250	02-.3276957- 04-
4.63	.2561904	02-.3234581- 04-
4.64	.2529978	02-.3192616- 04-
4.65	.2498465	02-.3151312- 04-
4.66	.2467358	02-.3110725- 04-
4.67	.2436655	02-.3070362- 04-
4.68	.2406348	02-.3030678- 04-
4.69	.2376432	02-.2991571- 04-
4.70	.2346902	02-.2953061- 04-
4.71	.2317753	02-.2914868- 04-
4.72	.2288980	02-.2877308- 04-
4.73	.2260578	02-.2840297- 04-
4.74	.2232541	02-.2803696- 04-
4.75	.2204863	02-.2767756- 04-
4.76	.2177543	02-.2732049- 04-
4.77	.2150574	02-.2696947- 04-
4.78	.2123951	02-.2662312- 04-
4.79	.2097669	02-.2628170- 04-
4.80	.2071724	02-.2594540- 04-
4.81	.2046112	02-.2561170- 04-
4.82	.2020829	02-.2528378- 04-
4.83	.1995869	02-.2496024- 04-
4.84	.1971227	02-.2464191- 04-
4.85	.1946902	02-.2432536- 04-
4.86	.1922888	02-.2401430- 04-
4.87	.1899179	02-.2370845- 04-
4.88	.1875775	02-.2340447- 04-
4.89	.1852667	02-.2310775- 04-
4.90	.1829855	02-.2281196- 04-
4.91	.1807334	02-.2252120- 04-
4.92	.1785101	02-.2223389- 04-
4.93	.1763150	02-.2195132- 04-
4.94	.1741477	02-.2167295- 04-
4.95	.1720081	02-.2139589- 04-
4.96	.1698956	02-.2112459- 04-
4.97	.1678101	02-.2085581- 04-
4.98	.1657509	02-.2059234- 04-
4.99	.1637179	02-.2033017- 04-
5.00	.1617107	02-.2007136- 04-

x	$-ih_1^{(1)}(ix)$	Diff.
5.00	.1617107	02-.2007136- 04-
5.01	.1597289	02-.1981813- 04-
5.02	.1577723	02-.1956658- 04-
5.03	.1558404	02-.1931913- 04-
5.04	.1539329	02-.1907484- 04-
5.05	.1520497	02-.1883289- 04-
5.06	.1501902	02-.1859493- 04-
5.07	.1483541	02-.1836080- 04-
5.08	.1465413	02-.1812834- 04-
5.09	.1447514	02-.1789877- 04-
5.10	.1429841	02-.1767358- 04-
5.11	.1412390	02-.1745117- 04-
5.12	.1395159	02-.1723120- 04-
5.13	.1378145	02-.1701373- 04-
5.14	.1361346	02-.1679971- 04-
5.15	.1344758	02-.1658812- 04-
5.16	.1328378	02-.1637950- 04-
5.17	.1312204	02-.1617442- 04-
5.18	.1296234	02-.1597009- 04-
5.19	.1280465	02-.1576967- 04-
5.20	.1264893	02-.1557186- 04-
5.21	.1249515	02-.1537759- 04-
5.22	.1234332	02-.1518322- 04-
5.23	.1219339	02-.1499369- 04-
5.24	.1204534	02-.1480538- 04-
5.25	.1189914	02-.1461995- 04-
5.26	.1175476	02-.1443816- 04-
5.27	.1161219	02-.1425636- 04-
5.28	.1147141	02-.1407821- 04-
5.29	.1133239	02-.1390237- 04-
5.30	.1119511	02-.1372886- 04-
5.31	.1105952	02-.1355843- 04-
5.32	.1092564	02-.1338791- 04-
5.33	.1079344	02-.1322101- 04-
5.34	.1066287	02-.1305654- 04-
5.35	.1053393	02-.1289384- 04-
5.36	.1040660	02-.1273347- 04-
5.37	.1028086	02-.1257440- 04-
5.38	.1015669	02-.1241756- 04-
5.39	.1003405	02-.1226380- 04-
5.40	.9912931	03-.1211190- 04-
5.41	.9793327	03-.1196046- 04-
5.42	.9675208	03-.1181193- 04-
5.43	.9558556	03-.1166517- 04-
5.44	.9443350	03-.1152059- 04-
5.45	.9329570	03-.1137806- 04-
5.46	.9217206	03-.1123645- 04-
5.47	.9106235	03-.1109709- 04-
5.48	.8996636	03-.1095994- 04-
5.49	.8888391	03-.1082451- 04-
5.50	.8781489	03-.1069023- 04-

x	$-ih_1^{(1)}(ix)$	Diff.
5.50	.8781489	03-.1069023- 04-
5.51	.8675911	03-.1055772- 04-
5.52	.8571641	03-.1042708- 04-
5.53	.8468657	03-.1029845- 04-
5.54	.8366940	03-.1017166- 04-
5.55	.8266484	03-.1004561- 04-
5.56	.8167270	03-.9921450- 05-
5.57	.8069278	03-.9799195- 05-
5.58	.7972492	03-.9678617- 05-
5.59	.7876902	03-.9558988- 05-
5.60	.7782493	03-.9440971- 05-
5.61	.7689244	03-.9324863- 05-
5.62	.7597145	03-.9209947- 05-
5.63	.7506174	03-.9097052- 05-
5.64	.7416328	03-.8984641- 05-
5.65	.7327583	03-.8874494- 05-
5.66	.7239934	03-.8764933- 05-
5.67	.7153359	03-.8657534- 05-
5.68	.7067845	03-.8551428- 05-
5.69	.6983384	03-.8446058- 05-
5.70	.6899959	03-.8342578- 05-
5.71	.6817558	03-.8240114- 05-
5.72	.6736164	03-.8139392- 05-
5.73	.6655771	03-.8039368- 05-
5.74	.6576363	03-.7940778- 05-
5.75	.6497926	03-.7843688- 05-
5.76	.6420451	03-.7747492- 05-
5.77	.6343921	03-.7653009- 05-
5.78	.6268329	03-.7559252- 05-
5.79	.6193663	03-.7466633- 05-
5.80	.6119908	03-.7375549- 05-
5.81	.6047056	03-.7285137- 05-
5.82	.5975088	03-.7196800- 05-
5.83	.5904004	03-.7108464- 05-
5.84	.5833787	03-.7021739- 05-
5.85	.5764426	03-.6936086- 05-
5.86	.5695909	03-.6851689- 05-
5.87	.5628229	03-.6768057- 05-
5.88	.5561376	03-.6685337- 05-
5.89	.5495335	03-.6604088- 05-
5.90	.5430097	03-.6523799- 05-
5.91	.5365652	03-.6444469- 05-
5.92	.5301993	03-.6365977- 05-
5.93	.5239109	03-.6288360- 05-
5.94	.5176990	03-.6211955- 05-
5.95	.5115622	03-.6136788- 05-
5.96	.5055003	03-.6061928- 05-
5.97	.4995120	03-.5988307- 05-
5.98	.4935963	03-.5915720- 05-
5.99	.4877527	03-.5843654- 05-
6.00	.4819793	03-.5773376- 05-

x	$-ih_1^{(1)}(ix)$	Diff.	x	$-ih_1^{(1)}(ix)$	Diff.
6.00	.4319793	03-	.5773376-	05-	
6.01	.4762765	03-	.5702366-	05-	
6.02	.4706427	03-	.5633790-	05-	
6.03	.4650770	03-	.5565654-	05-	
6.04	.4595789	03-	.5498189-	05-	
6.05	.4541472	03-	.5431730-	05-	
6.06	.4487813	03-	.5365922-	05-	
6.07	.4434804	03-	.5300888-	05-	
6.08	.4382437	03-	.5236646-	05-	
6.09	.4330699	03-	.5173875-	05-	
6.10	.4279590	03-	.5111087-	05-	
6.11	.4229098	03-	.5049245-	05-	
6.12	.4179217	03-	.4988150-	05-	
6.13	.4129937	03-	.4928005-	05-	
6.14	.4081250	03-	.4868699-	05-	
6.15	.4033151	03-	.4809877-	05-	
6.16	.3985635	03-	.4751632-	05-	
6.17	.3938690	03-	.4694476-	05-	
6.18	.3892311	03-	.4637917-	05-	
6.19	.3846489	03-	.4582298-	05-	
6.20	.3801221	03-	.4526745-	05-	
6.21	.3756499	03-	.4472272-	05-	
6.22	.3712314	03-	.4418451-	05-	
6.23	.3668660	03-	.4365458-	05-	
6.24	.3625532	03-	.4312820-	05-	
6.25	.3582922	03-	.4261039-	05-	
6.26	.3540825	03-	.4209704-	05-	
6.27	.3499234	03-	.4159115-	05-	
6.28	.3458139	03-	.4109457-	05-	
6.29	.3417541	03-	.4059799-	05-	
6.30	.3377430	03-	.4011109-	05-	
6.31	.3337801	03-	.3962950-	05-	
6.32	.3298646	03-	.3915564-	05-	
6.33	.3259960	03-	.3868533-	05-	
6.34	.3221740	03-	.3822107-	05-	
6.35	.3183976	03-	.3776323-	05-	
6.36	.3146666	03-	.3731088-	05-	
6.37	.3109801	03-	.3686506-	05-	
6.38	.3073379	03-	.3642156-	05-	
6.39	.3037392	03-	.3598757-	05-	
6.40	.3001837	03-	.3555552-	05-	
6.41	.2966706	03-	.3513112-	05-	
6.42	.2931994	03-	.3471156-	05-	
6.43	.2897699	03-	.3429545-	05-	
6.44	.2863813	03-	.3388594-	05-	
6.45	.2830332	03-	.3348128-	05-	
6.46	.2797250	03-	.3308249-	05-	
6.47	.2764564	03-	.3268556-	05-	
6.48	.2732267	03-	.3229692-	05-	
6.49	.2700356	03-	.3191126-	05-	
6.50	.2668827	03-	.3152979-	05-	
6.50	.2668827	03-	.3152979-	05-	
6.51	.2637671	03-	.3115615-	05-	
6.52	.2606889	03-	.3078175-	05-	
6.53	.2576472	03-	.3041695-	05-	
6.54	.2546419	03-	.3005346-	05-	
6.55	.2516723	03-	.2969574-	05-	
6.56	.2487379	03-	.2934417-	05-	
6.57	.2458387	03-	.2899240-	05-	
6.58	.2429738	03-	.2864912-	05-	
6.59	.2401431	03-	.2830695-	05-	
6.60	.2373460	03-	.2797149-	05-	
6.61	.2345822	03-	.2763761-	05-	
6.62	.2318512	03-	.2731034-	05-	
6.63	.2291527	03-	.2698559-	05-	
6.64	.2264862	03-	.2666484-	05-	
6.65	.2238513	03-	.2634959-	05-	
6.66	.2212477	03-	.2603545-	05-	
6.67	.2186752	03-	.2572551-	05-	
6.68	.2161331	03-	.2542152-	05-	
6.69	.2136210	03-	.2512052-	05-	
6.70	.2111388	03-	.2482250-	05-	
6.71	.2086861	03-	.2452745-	05-	
6.72	.2062623	03-	.2423782-	05-	
6.73	.2038673	03-	.2394985-	05-	
6.74	.2015005	03-	.2366794-	05-	
6.75	.1991619	03-	.2338668-	05-	
6.76	.1968509	03-	.2311007-	05-	
6.77	.1945673	03-	.2283580-	05-	
6.78	.1923108	03-	.2256591-	05-	
6.79	.1900807	03-	.2230067-	05-	
6.80	.1878772	03-	.2203533-	05-	
6.81	.1856997	03-	.2177493-	05-	
6.82	.1835480	03-	.2151742-	05-	
6.83	.1814215	03-	.2126466-	05-	
6.84	.1793203	03-	.2101265-	05-	
6.85	.1772438	03-	.2076454-	05-	
6.86	.1751919	03-	.2051970-	05-	
6.87	.1731642	03-	.2027699-	05-	
6.88	.1711603	03-	.2003867-	05-	
6.89	.1691802	03-	.1980202-	05-	
6.90	.1672233	03-	.1956835-	05-	
6.91	.1652896	03-	.1933766-	05-	
6.92	.1633787	03-	.1910939-	05-	
6.93	.1614901	03-	.1888587-	05-	
6.94	.1596239	03-	.1866236-	05-	
6.95	.1577796	03-	.1844303-	05-	
6.96	.1559570	03-	.1822547-	05-	
6.97	.1541559	03-	.1801202-	05-	
6.98	.1523760	03-	.1779875-	05-	
6.99	.1506169	03-	.1759059-	05-	
7.00	.1488787	03-	.1738272-	05-	

x	$-ih_1^{(1)}(ix)$	Diff.	
7.00	.1488787	03-	.1738272- 05-
7.01	.1471608	03-	.1717876- 05-
7.02	.1454631	03-	.1697732- 05-
7.03	.1437854	03-	.1677764- 05-
7.04	.1421273	03-	.1658038- 05-
7.05	.1404888	03-	.1638546- 05-
7.06	.1388694	03-	.1619417- 05-
7.07	.1372690	03-	.1600399- 05-
7.08	.1356875	03-	.1581559- 05-
7.09	.1341245	03-	.1562969- 05-
7.10	.1325799	03-	.1544669- 05-
7.11	.1310532	03-	.1526666- 05-
7.12	.1295446	03-	.1508673- 05-
7.13	.1280536	03-	.1490960- 05-
7.14	.1265801	03-	.1473507- 05-
7.15	.1251238	03-	.1456333- 05-
7.16	.1236846	03-	.1439224- 05-
7.17	.1222622	03-	.1422368- 05-
7.18	.1208565	03-	.1405725- 05-
7.19	.1194673	03-	.1389278- 05-
7.20	.1180941	03-	.1373128- 05-
7.21	.1167372	03-	.1356980- 05-
7.22	.1153961	03-	.1341054- 05-
7.23	.1140707	03-	.1325445- 05-
7.24	.1127608	03-	.1309947- 05-
7.25	.1114661	03-	.1294683- 05-
7.26	.1101866	03-	.1279549- 05-
7.27	.1089221	03-	.1264527- 05-
7.28	.1076722	03-	.1249868- 05-
7.29	.1064370	03-	.1235200- 05-
7.30	.1052161	03-	.1220894- 05-
7.31	.1040096	03-	.1206533- 05-
7.32	.1028171	03-	.1192526- 05-
7.33	.1016386	03-	.1178575- 05-
7.34	.1004737	03-	.1164866- 05-
7.35	.9932240	04-	.1151316- 05-
7.36	.9818455	04-	.1137854- 05-
7.37	.9705995	04-	.1124598- 05-
7.38	.9594846	04-	.1111490- 05-
7.39	.9484986	04-	.1098604- 05-
7.40	.9376408	04-	.1085778- 05-
7.41	.9269099	04-	.1073093- 05-
7.42	.9163033	04-	.1060659- 05-
7.43	.9058202	04-	.1048316- 05-
7.44	.8954586	04-	.1036158- 05-
7.45	.8852180	04-	.1024069- 05-
7.46	.8750963	04-	.1012171- 05-
7.47	.8650923	04-	.1000394- 05-
7.48	.8552041	04-	.9888248- 06-
7.49	.8454311	04-	.9772969- 06-
7.50	.8357719	04-	.9659245- 06-

x	$-ih_1^{(1)}(ix)$	Diff.	
7.50	.8357719	04-	.9659245- 06-
7.51	.8262246	04-	.9547375- 06-
7.52	.8167883	04-	.9436324- 06-
7.53	.8074610	04-	.9327247- 06-
7.54	.7982421	04-	.9218944- 06-
7.55	.7891306	04-	.9111534- 06-
7.56	.7801243	04-	.9006276- 06-
7.57	.7712225	04-	.8901847- 06-
7.58	.7624241	04-	.8798442- 06-
7.59	.7537276	04-	.8696444- 06-
7.60	.7451321	04-	.8595545- 06-
7.61	.7366360	04-	.8496116- 06-
7.62	.7282379	04-	.8398132- 06-
7.63	.7199373	04-	.8300623- 06-
7.64	.7117329	04-	.8204352- 06-
7.65	.7036238	04-	.8109171- 06-
7.66	.6956083	04-	.8015461- 06-
7.67	.6876850	04-	.7923325- 06-
7.68	.6798540	04-	.7830994- 06-
7.69	.6721134	04-	.7740628- 06-
7.70	.6644623	04-	.7651165- 06-
7.71	.6568992	04-	.7563071- 06-
7.72	.6494241	04-	.7475089- 06-
7.73	.6420353	04-	.7388849- 06-
7.74	.6347317	04-	.7303669- 06-
7.75	.6275126	04-	.7219087- 06-
7.76	.6203765	04-	.7136125- 06-
7.77	.6133232	04-	.7053330- 06-
7.78	.6063510	04-	.6972203- 06-
7.79	.5994596	04-	.6891326- 06-
7.80	.5926478	04-	.6811876- 06-
7.81	.5859140	04-	.6733849- 06-
7.82	.5792582	04-	.6655767- 06-
7.83	.5726790	04-	.6579231- 06-
7.84	.5661760	04-	.6503002- 06-
7.85	.5597475	04-	.6428496- 06-
7.86	.5533932	04-	.6354344- 06-
7.87	.5471122	04-	.6280975- 06-
7.88	.5409037	04-	.6208490- 06-
7.89	.5347667	04-	.6137086- 06-
7.90	.5287001	04-	.6066641- 06-
7.91	.5227032	04-	.5996838- 06-
7.92	.5167758	04-	.5927454- 06-
7.93	.5109164	04-	.5859449- 06-
7.94	.5051244	04-	.5791975- 06-
7.95	.4993988	04-	.5725636- 06-
7.96	.4937392	04-	.5659596- 06-
7.97	.4881449	04-	.5594329- 06-
7.98	.4826148	04-	.5530068- 06-
7.99	.4771479	04-	.5466897- 06-
8.00	.4717442	04-	.5403716- 06-

x	$-ih_1^{(1)}(ix)$	Diff.	x	$-ih_1^{(1)}(ix)$	Diff.				
8.00	.4717442	04-	.5403716-	06-	8.50	.2675360	04-	.3040932-	06-
8.01	.4664025	04-	.5341783-	06-	8.51	.2645302	04-	.3005812-	06-
8.02	.4611222	04-	.5280269-	06-	8.52	.2615584	04-	.2971902-	06-
8.03	.4559025	04-	.5219714-	06-	8.53	.2586204	04-	.2937927-	06-
8.04	.4507424	04-	.5160100-	06-	8.54	.2557159	04-	.2904549-	06-
8.05	.4455421	04-	.5100384-	06-	8.55	.2528443	04-	.2871589-	06-
8.06	.4405000	04-	.5042037-	06-	8.56	.2500055	04-	.2838863-	06-
8.07	.4355160	04-	.4984090-	06-	8.57	.2471988	04-	.2806676-	06-
8.08	.4306888	04-	.4927177-	06-	8.58	.2444242	04-	.2774611-	06-
8.09	.4258183	04-	.4870552-	06-	8.59	.2416809	04-	.2743318-	06-
8.10	.4210037	04-	.4814579-	06-	8.60	.2389691	04-	.2711849-	06-
8.11	.4162443	04-	.4759380-	06-	8.61	.2362878	04-	.2681274-	06-
8.12	.4115396	04-	.4704730-	06-	8.62	.2336372	04-	.2650633-	06-
8.13	.4068885	04-	.4651086-	06-	8.63	.2310168	04-	.2620468-	06-
8.14	.4022908	04-	.4597740-	06-	8.64	.2284257	04-	.2591094-	06-
8.15	.3977459	04-	.4544925-	06-	8.65	.2258643	04-	.2561403-	06-
8.16	.3932531	04-	.4492835-	06-	8.66	.2233320	04-	.2532262-	06-
8.17	.3888117	04-	.4441389-	06-	8.67	.2208285	04-	.2503521-	06-
8.18	.3844209	04-	.4390790-	06-	8.68	.2183533	04-	.2475284-	06-
8.19	.3800807	04-	.4340248-	06-	8.69	.2159061	04-	.2447139-	06-
8.20	.3757901	04-	.4290655-	06-	8.70	.2134867	04-	.2419423-	06-
8.21	.3715487	04-	.4241425-	06-	8.71	.2110950	04-	.2391716-	06-
8.22	.3673554	04-	.4193257-	06-	8.72	.2087302	04-	.2364829-	06-
8.23	.3632103	04-	.4145098-	06-	8.73	.2063922	04-	.2338006-	06-
8.24	.3591129	04-	.4097480-	06-	8.74	.2040809	04-	.2311361-	06-
8.25	.3550621	04-	.4050802-	06-	8.75	.2017956	04-	.2285312-	06-
8.26	.3510576	04-	.4004497-	06-	8.76	.1995363	04-	.2259273-	06-
8.27	.3470988	04-	.3958778-	06-	8.77	.1973025	04-	.2233819-	06-
8.28	.3431854	04-	.3913413-	06-	8.78	.1950940	04-	.2208543-	06-
8.29	.3393168	04-	.3868554-	06-	8.79	.1929107	04-	.2183332-	06-
8.30	.3354924	04-	.3824369-	06-	8.80	.1907521	04-	.2158597-	06-
8.31	.3317115	04-	.3780980-	06-	8.81	.1886178	04-	.2134336-	06-
8.32	.3279737	04-	.3737822-	06-	8.82	.1865077	04-	.2110084-	06-
8.33	.3242788	04-	.3694841-	06-	8.83	.1844216	04-	.2086112-	06-
8.34	.3206260	04-	.3652885-	06-	8.84	.1823590	04-	.2062578-	06-
8.35	.3170150	04-	.3610985-	06-	8.85	.1803198	04-	.2039266-	06-
8.36	.3134449	04-	.3570091-	06-	8.86	.1783037	04-	.2016141-	06-
8.37	.3099158	04-	.3529150-	06-	8.87	.1763102	04-	.1993436-	06-
8.38	.3064270	04-	.3488795-	06-	8.88	.1743395	04-	.1970721-	06-
8.39	.3029779	04-	.3449093-	06-	8.89	.1723910	04-	.1948546-	06-
8.40	.2995682	04-	.3409764-	06-	8.90	.1704646	04-	.1926436-	06-
8.41	.2961972	04-	.3371011-	06-	8.91	.1685599	04-	.1904681-	06-
8.42	.2928647	04-	.3332455-	06-	8.92	.1666768	04-	.1883168-	06-
8.43	.2895703	04-	.3294419-	06-	8.93	.1648148	04-	.1861942-	06-
8.44	.2863133	04-	.3257055-	06-	8.94	.1629741	04-	.1840783-	06-
8.45	.2830935	04-	.32219857-	06-	8.95	.1611541	04-	.1819987-	06-
8.46	.2799104	04-	.3183079-	06-	8.96	.1593546	04-	.1799535-	06-
8.47	.2767634	04-	.3146963-	06-	8.97	.1575754	04-	.1779213-	06-
8.48	.2736524	04-	.3111014-	06-	8.98	.1558164	04-	.1758947-	06-
8.49	.2705770	04-	.3075493-	06-	8.99	.1540773	04-	.1739157-	06-
8.50	.2675360	04-	.3040932-	06-	9.00	.1523578	04-	.1719553-	06-

x	$-ih_1(1)(ix)$	Diff.	x	$-ih_1(1)(ix)$	Diff.
9.00	.1523578	.1719553-	9.50	.8708524	.9767427-
9.01	.1506576	.1700181-	9.51	.8611944	.9657997-
9.02	.1489766	.1680977-	9.52	.8516440	.9550402-
9.03	.1473147	.1661913-	9.53	.8422017	.9442350-
9.04	.1456712	.1643259-	9.54	.8328646	.9337138-
9.05	.1440469	.1624595-	9.55	.8236324	.9232178-
9.06	.1424405	.1606425-	9.56	.8145036	.9128829-
9.07	.1408523	.1588236-	9.57	.8054765	.9027138-
9.08	.1392819	.1570355-	9.58	.7965506	.8925922-
9.09	.1377295	.1552604-	9.59	.7877250	.8825619-
9.10	.1361942	.1535188-	9.60	.7789981	.8726851-
9.11	.1346764	.1517791-	9.61	.7703685	.8629631-
9.12	.1331757	.1500738-	9.62	.7618356	.8532960-
9.13	.1316920	.1483695-	9.63	.7533984	.8437173-
9.14	.1302249	.1466718-	9.64	.7450558	.8342634-
9.15	.1287743	.1450014-	9.65	.7368061	.8249716-
9.16	.1273401	.14334223-	9.66	.7286487	.8157441-
9.17	.1259221	.1418009-	9.67	.7205825	.8066134-
9.18	.1245199	.14022149-	9.68	.7126067	.7975889-
9.19	.1231337	.1386241-	9.69	.7047200	.7886724-
9.20	.1217629	.1370300-	9.70	.6969212	.7798807-
9.21	.1204077	.1355247-	9.71	.6892099	.7711244-
9.22	.1190677	.1340048-	9.72	.6815847	.7625302-
9.23	.1177428	.1324905-	9.73	.6740445	.7540114-
9.24	.1164327	.1310124-	9.74	.6665839	.7455661-
9.25	.1151373	.1295344-	9.75	.6592162	.7372755-
9.26	.1138566	.1280741-	9.76	.6519263	.7289905-
9.27	.1125903	.1266315-	9.77	.6447175	.7208777-
9.28	.1113383	.1252066-	9.78	.6375894	.7128134-
9.29	.1101002	.1238068-	9.79	.6305407	.7048739-
9.30	.1088761	.1224108-	9.80	.6235706	.6970060-
9.31	.1076658	.1210352-	9.81	.6166782	.6892397-
9.32	.1064690	.1196755-	9.82	.6098632	.6815088-
9.33	.1052857	.1183344-	9.83	.6031241	.6739102-
9.34	.1041157	.1170053-	9.84	.5964598	.6664289-
9.35	.1029589	.1156819-	9.85	.5898702	.6589662-
9.36	.1018150	.1143893-	9.86	.5833541	.6516060-
9.37	.1006840	.1131012-	9.87	.5769109	.6443276-
9.38	.9956561	.1118393-	9.88	.5705393	.63711565-
9.39	.9845983	.1105775-	9.89	.5642386	.6300710-
9.40	.9736645	.1093383-	9.90	.5580083	.6230302-
9.41	.9628537	.1081080-	9.91	.5518474	.6160937-
9.42	.9521646	.1068915-	9.92	.5457553	.6092140-
9.43	.9415942	.1057042-	9.93	.5397311	.6024135-
9.44	.9311432	.1045097-	9.94	.5337738	.5957387-
9.45	.9208094	.1033379-	9.95	.5278832	.5890620-
9.46	.9105914	.1021804-	9.96	.5220582	.5824999-
9.47	.9004878	.1010366-	9.97	.5162979	.5760319-
9.48	.8904978	.9989986-	9.98	.5106016	.5696319-
9.49	.8806198	.9877994-	9.99	.5049689	.5632653-
9.50	.8708524	.9767427-	10.00	.4993992	.5569702-

x	$h_2^{(1)}(ix)$	Diff.	x	$h_2^{(1)}(ix)$	Diff.
.00	∞	-	.50	.2304816 02	.1478459- 01
.01	.2999949 07	$-\infty$.51	.2168422 02	.1363934- 01
.02	.3749750 06	.2624975- 07	.52	.2042395 02	.1260270- 01
.03	.1110944 06	.2638806- 06	.53	.1925775 02	.1166208- 01
.04	.4586250 05	.6423193- 05	.54	.1817701 02	.1080735- 01
.05	.2399000 05	.2287250- 05	.55	.1717412 02	.1002897- 01
.06	.1388056 05	.1010944- 05	.56	.1624219 02	.9319257- 00
.07	.8739221 04	.5141343- 04	.57	.1537511 02	.8670823- 00
.08	.5853134 04	.2886086- 04	.58	.1456736 02	.8077515- 00
.09	.4109681 04	.1743454- 04	.59	.1381398 02	.7533809- 00
.10	.2995011 04	.1114669- 04	.60	.1311050 02	.7034853- 00
.11	.2249412 04	.7455994- 03	.61	.1245287 02	.6576316- 00
.12	.1731958 04	.5174537- 03	.62	.1183745 02	.6154250- 00
.13	.1361668 04	.3702910- 03	.63	.1126092 02	.5765274- 00
.14	.1089739 04	.2719284- 03	.64	.1072028 02	.5406398- 00
.15	.8855728 03	.2041665- 03	.65	.1021280 02	.5074810- 00
.16	.7293152 03	.1562576- 03	.66	.9735996 01	.4768088- 00
.17	.6077031 03	.1216121- 03	.67	.9287596 01	.4483992- 00
.18	.5116460 03	.9605713- 02	.68	.8865538 01	.4220589- 00
.19	.4347714 03	.7687457- 02	.69	.8467927 01	.3976108- 00
.20	.3725225 03	.6224896- 02	.70	.8093036 01	.3748907- 00
.21	.3215817 03	.5094082- 02	.71	.7739277 01	.3537591- 00
.22	.2794948 03	.4208691- 02	.72	.7405194 01	.3340835- 00
.23	.2444201 03	.3507466- 02	.73	.7089452 01	.3157426- 00
.24	.2149569 03	.2946318- 02	.74	.6790816 01	.2986362- 00
.25	.1900274 03	.2492960- 02	.75	.6508159 01	.2826566- 00
.26	.1687925 03	.2123482- 02	.76	.6240438 01	.2677210- 00
.27	.1505932 03	.1819934- 02	.77	.5986687 01	.2537513- 00
.28	.1349063 03	.1568694- 02	.78	.5746012 01	.2406747- 00
.29	.1213133 03	.1359303- 02	.79	.5517598 01	.2284141- 00
.30	.1094764 03	.1183684- 02	.80	.5300676 01	.2169223- 00
.31	.9912156 02	.1035489- 02	.81	.5094547 01	.2061297- 00
.32	.9002405 02	.9097511- 01	.82	.4898549 01	.1959975- 00
.33	.8199897 02	.8025081- 01	.83	.4712079 01	.1864709- 00
.34	.7489308 02	.7105888- 01	.84	.4534569 01	.1775094- 00
.35	.6857867 02	.6314411- 01	.85	.4365497 01	.1690728- 00
.36	.6294878 02	.5629898- 01	.86	.4204370 01	.1611270- 00
.37	.5791324 02	.5035539- 01	.87	.4050736 01	.1536334- 00
.38	.5339582 02	.4517420- 01	.88	.3904170 01	.1465662- 00
.39	.4933170 02	.4064120- 01	.89	.3764277 01	.1398940- 00
.40	.4566555 02	.3666152- 01	.90	.3630683 01	.1335933- 00
.41	.4234993 02	.3315618- 01	.91	.3503045 01	.1276382- 00
.42	.3934405 02	.3005881- 01	.92	.3381041 01	.1220049- 00
.43	.3661266 02	.2731397- 01	.93	.3264365 01	.1166756- 00
.44	.3412522 02	.2487440- 01	.94	.3152736 01	.1116289- 00
.45	.3185517 02	.2270057- 01	.95	.3045888 01	.1068487- 00
.46	.2977934 02	.2075828- 01	.96	.2943572 01	.1023163- 00
.47	.2787747 02	.1901872- 01	.97	.2845553 01	.9801943- 01-
.48	.2613178 02	.1745691- 01	.98	.2751613 01	.9393939- 01-
.49	.2452661 02	.1605166- 01	.99	.2661545 01	.9006817- 01-
.50	.2304816 02	.1478459- 01	1.00	.2575155 01	.8638991- 01-

x	$h_2^{(1)}(ix)$	Diff.	x	$h_2^{(1)}(ix)$	Diff.
1.00	.2575155	01	.8538991-	01-	
1.01	.2492262	01	.8289409-	01-	
1.02	.2412692	01	.7956936-	01-	
1.03	.2336285	01	.7640799-	01-	
1.04	.2262887	01	.7339786-	01-	
1.05	.2192353	01	.7053386-	01-	
1.06	.2124551	01	.6780229-	01-	
1.07	.2059351	01	.6520045-	01-	
1.08	.1996631	01	.6271969-	01-	
1.09	.1936277	01	.6035404-	01-	
1.10	.1878183	01	.5809437-	01-	
1.11	.1822244	01	.5593910-	01-	
1.12	.1768365	01	.5387921-	01-	
1.13	.1716452	01	.5191281-	01-	
1.14	.1666420	01	.5003284-	01-	
1.15	.1618186	01	.4823409-	01-	
1.16	.1571673	01	.4651319-	01-	
1.17	.1526805	01	.4486810-	01-	
1.18	.1483513	01	.4329221-	01-	
1.19	.1441728	01	.4178477-	01-	
1.20	.1401389	01	.4033880-	01-	
1.21	.1362436	01	.3895355-	01-	
1.22	.1324810	01	.3762623-	01-	
1.23	.1288456	01	.3635358-	01-	
1.24	.1253324	01	.3513233-	01-	
1.25	.1219364	01	.3395989-	01-	
1.26	.1186529	01	.3283579-	01-	
1.27	.1154773	01	.3175629-	01-	
1.28	.1124053	01	.3071973-	01-	
1.29	.1094331	01	.2972265-	01-	
1.30	.1065565	01	.2876534-	01-	
1.31	.1037721	01	.2784445-	01-	
1.32	.1010761	01	.2696053-	01-	
1.33	.9846521	00	.2610866-	01-	
1.34	.9593627	00	.2528943-	01-	
1.35	.9348612	00	.2450152-	01-	
1.36	.9111184	00	.2374274-	01-	
1.37	.8881055	00	.2301296-	01-	
1.38	.8657968	00	.2230872-	01-	
1.39	.8441660	00	.2163084-	01-	
1.40	.8231879	00	.2097805-	01-	
1.41	.8028398	00	.2034820-	01-	
1.42	.7830980	00	.1974179-	01-	
1.43	.7639420	00	.1915600-	01-	
1.44	.7453504	00	.1859165-	01-	
1.45	.7273035	00	.1804687-	01-	
1.46	.7097818	00	.1752175-	01-	
1.47	.6927678	00	.1701398-	01-	
1.48	.6762436	00	.1652421-	01-	
1.49	.6601927	00	.1605095-	01-	
1.50	.6445982	00	.1559443-	01-	
1.50	.6445982	00	.1559443-	01-	
1.51	.6294448	00	.1515343-	01-	
1.52	.6147186	00	.1472629-	01-	
1.53	.6004041	00	.1431443-	01-	
1.54	.5864882	00	.1391591-	01-	
1.55	.5729578	00	.1353045-	01-	
1.56	.5597994	00	.1315846-	01-	
1.57	.5470017	00	.1279766-	01-	
1.58	.5345527	00	.1244904-	01-	
1.59	.5224413	00	.1211144-	01-	
1.60	.5106559	00	.1178540-	01-	
1.61	.4991871	00	.1146884-	01-	
1.62	.4880242	00	.1116283-	01-	
1.63	.4771578	00	.1086648-	01-	
1.64	.4665782	00	.1057954-	01-	
1.65	.4562767	00	.1030161-	01-	
1.66	.4462447	00	.1003200-	01-	
1.67	.4364738	00	.9770892-	02-	
1.68	.4269561	00	.9517740-	02-	
1.69	.4176835	00	.9272588-	02-	
1.70	.4086487	00	.9034765-	02-	
1.71	.3998446	00	.8804105-	02-	
1.72	.3912644	00	.8580215-	02-	
1.73	.3829011	00	.8363385-	02-	
1.74	.3747481	00	.8152980-	02-	
1.75	.3667997	00	.7948471-	02-	
1.76	.3590494	00	.7750229-	02-	
1.77	.3514917	00	.7557762-	02-	
1.78	.3441207	00	.7371023-	02-	
1.79	.3369309	00	.7189825-	02-	
1.80	.3299174	00	.7013516-	02-	
1.81	.3230750	00	.6842386-	02-	
1.82	.3163988	00	.6676210-	02-	
1.83	.3098839	00	.6514923-	02-	
1.84	.3035259	00	.6357986-	02-	
1.85	.2973204	00	.6205510-	02-	
1.86	.2912631	00	.6057336-	02-	
1.87	.2853497	00	.5913391-	02-	
1.88	.2795761	00	.5773618-	02-	
1.89	.2739390	00	.5637180-	02-	
1.90	.2684341	00	.5504867-	02-	
1.91	.2630579	00	.5376232-	02-	
1.92	.2578070	00	.5250885-	02-	
1.93	.2526777	00	.5129292-	02-	
1.94	.2476671	00	.5010623-	02-	
1.95	.2427717	00	.4895400-	02-	
1.96	.2379887	00	.4783110-	02-	
1.97	.2333147	00	.4673969-	02-	
1.98	.2287471	00	.4567584-	02-	
1.99	.2242830	00	.4464104-	02-	
2.00	.2199197	00	.4363307-	02-	

x	$h_2^{(1)}(ix)$	Diff.	x	$h_2^{(1)}(ix)$	Diff.
2.00	.2199197 00	.4363307- 02-	2.50	.8799514 01-	.1530403- 02-
2.01	.2156546 00	.4265146- 02-	2.51	.8649408 01-	.1501055- 02-
2.02	.2114848 00	.4169778- 02-	2.52	.8502181 01-	.1472272- 02-
2.03	.2074084 00	.4076497- 02-	2.53	.8357753 01-	.1444281- 02-
2.04	.2034224 00	.3985954- 02-	2.54	.8216087 01-	.1416666- 02-
2.05	.1995250 00	.3897441- 02-	2.55	.8077111 01-	.1389756- 02-
2.06	.1957135 00	.3811554- 02-	2.56	.7940764 01-	.1363475- 02-
2.07	.1919857 00	.3727810- 02-	2.57	.7806992 01-	.1337721- 02-
2.08	.1883398 00	.3645909- 02-	2.58	.7675742 01-	.1312502- 02-
2.09	.1847733 00	.3566458- 02-	2.59	.7546962 01-	.1287801- 02-
2.10	.1812847 00	.3488609- 02-	2.60	.7420596 01-	.1263656- 02-
2.11	.1778715 00	.3413274- 02-	2.61	.7296594 01-	.1240022- 02-
2.12	.1745322 00	.3339253- 02-	2.62	.7174902 01-	.1216926- 02-
2.13	.1712648 00	.3267476- 02-	2.63	.7055479 01-	.1194233- 02-
2.14	.1680676 00	.3197207- 02-	2.64	.6938273 01-	.1172055- 02-
2.15	.1649387 00	.3128839- 02-	2.65	.6823238 01-	.1150354- 02-
2.16	.1618766 00	.3062203- 02-	2.66	.6710328 01-	.1129099- 02-
2.17	.1588794 00	.2997178- 02-	2.67	.6599496 01-	.1108326- 02-
2.18	.1559458 00	.2933634- 02-	2.68	.6490706 01-	.1087905- 02-
2.19	.1530740 00	.2871766- 02-	2.69	.6383911 01-	.1067950- 02-
2.20	.1502626 00	.2811444- 02-	2.70	.6279070 01-	.1048405- 02-
2.21	.1475103 00	.2752324- 02-	2.71	.6176141 01-	.1029297- 02-
2.22	.1448154 00	.2694917- 02-	2.72	.6075090 01-	.1010515- 02-
2.23	.1421767 00	.2638712- 02-	2.73	.5975875 01-	.9921450- 03-
2.24	.1395928 00	.2583932- 02-	2.74	.5878460 01-	.9741555- 03-
2.25	.1370623 00	.2530474- 02-	2.75	.5782806 01-	.9565368- 03-
2.26	.1345840 00	.2478320- 02-	2.76	.5688877 01-	.9392989- 03-
2.27	.1321568 00	.2427228- 02-	2.77	.5596641 01-	.9223601- 03-
2.28	.1297793 00	.2377467- 02-	2.78	.5506063 01-	.9057769- 03-
2.29	.1274505 00	.2328889- 02-	2.79	.5417109 01-	.8895477- 03-
2.30	.1251689 00	.2281559- 02-	2.80	.5329746 01-	.8736267- 03-
2.31	.1229340 00	.2234956- 02-	2.81	.5243939 01-	.8580755- 03-
2.32	.1207442 00	.2189824- 02-	2.82	.5159664 01-	.8427460- 03-
2.33	.1185986 00	.2145604- 02-	2.83	.5076886 01-	.8277842- 03-
2.34	.1164961 00	.2102447- 02-	2.84	.4995576 01-	.8130982- 03-
2.35	.1144360 00	.2060193- 02-	2.85	.4915702 01-	.7987456- 03-
2.36	.1124171 00	.2018880- 02-	2.86	.4837241 01-	.7846072- 03-
2.37	.1104384 00	.1978711- 02-	2.87	.4760163 01-	.7707845- 03-
2.38	.1084992 00	.1939251- 02-	2.88	.4684439 01-	.7572431- 03-
2.39	.1065983 00	.1900862- 02-	2.89	.4610044 01-	.7439447- 03-
2.40	.1047351 00	.1863200- 02-	2.90	.4536949 01-	.7309509- 03-
2.41	.1029087 00	.1826478- 02-	2.91	.4465134 01-	.7181545- 03-
2.42	.1011182 00	.1790482- 02-	2.92	.4394571 01-	.7056310- 03-
2.43	.9936282 01-	.1755399- 02-	2.93	.4325236 01-	.6933525- 03-
2.44	.9764174 01-	.1721085- 02-	2.94	.4257105 01-	.6813123- 03-
2.45	.9595427 01-	.1687468- 02-	2.95	.4190152 01-	.6695339- 03-
2.46	.9429964 01-	.1654632- 02-	2.96	.4124359 01-	.6579241- 03-
2.47	.9267715 01-	.1622494- 02-	2.97	.4059702 01-	.6465749- 03-
2.48	.9108595 01-	.1591200- 02-	2.98	.3996159 01-	.6354344- 03-
2.49	.8952554 01-	.1560410- 02-	2.99	.3933706 01-	.6245324- 03-
2.50	.8799514 01-	.1530403- 02-	3.00	.3872327 01-	.6137924- 03-

x	$h_2^{(1)}(ix)$	Diff.
3.00	.3872327	01- .6137924- 03-
3.01	.3811998	01- .6032843- 03-
3.02	.3752701	01- .5929717- 03-
3.03	.3694416	01- .5828575- 03-
3.04	.3637120	01- .5729576- 03-
3.05	.3580801	01- .5631936- 03-
3.06	.3525436	01- .5536513- 03-
3.07	.3471009	01- .5442691- 03-
3.08	.3417499	01- .5351021- 03-
3.09	.3364894	01- .5260543- 03-
3.10	.3313174	01- .5171965- 03-
3.11	.3262324	01- .5085008- 03-
3.12	.3212327	01- .4999773- 03-
3.13	.3163164	01- .4916261- 03-
3.14	.3114825	01- .4833951- 03-
3.15	.3067292	01- .4753308- 03-
3.16	.3020552	01- .4674034- 03-
3.17	.2974587	01- .4596483- 03-
3.18	.2929384	01- .4520375- 03-
3.19	.2884931	01- .4445264- 03-
3.20	.2841213	01- .4371838- 03-
3.21	.2798215	01- .4299651- 03-
3.22	.2755927	01- .4228908- 03-
3.23	.2714335	01- .4159226- 03-
3.24	.2673425	01- .4090979- 03-
3.25	.2633187	01- .4023868- 03-
3.26	.2593607	01- .3958061- 03-
3.27	.2554672	01- .3893502- 03-
3.28	.2516373	01- .3829855- 03-
3.29	.2478698	01- .3767568- 03-
3.30	.2441636	01- .3706231- 03-
3.31	.2405175	01- .3646086- 03-
3.32	.2369303	01- .3587199- 03-
3.33	.2334013	01- .3529028- 03-
3.34	.2299293	01- .3472041- 03-
3.35	.2265133	01- .3416022- 03-
3.36	.2231520	01- .3361241- 03-
3.37	.2198451	01- .3306992- 03-
3.38	.2165911	01- .3253953- 03-
3.39	.2133893	01- .3201799- 03-
3.40	.2102387	01- .3150660- 03-
3.41	.2071383	01- .3100406- 03-
3.42	.2040875	01- .3050823- 03-
3.43	.2010853	01- .3002235- 03-
3.44	.1981307	01- .2954561- 03-
3.45	.1952230	01- .2907762- 03-
3.46	.1923615	01- .2861522- 03-
3.47	.1895452	01- .2816269- 03-
3.48	.1867735	01- .2771751- 03-
3.49	.1840454	01- .2728063- 03-
3.50	.1813603	01- .2685139- 03-

x	$h_2^{(1)}(ix)$	Diff.
3.50	.1813603	01- .2685139- 03-
3.51	.1787176	01- .2642763- 03-
3.52	.1761163	01- .2601282- 03-
3.53	.1735558	01- .2560509- 03-
3.54	.1710354	01- .2520397- 03-
3.55	.1685544	01- .2481058- 03-
3.56	.1661122	01- .2442203- 03-
3.57	.1637081	01- .2404103- 03-
3.58	.1613414	01- .2366682- 03-
3.59	.1590115	01- .2329960- 03-
3.60	.1567178	01- .2293657- 03-
3.61	.1544597	01- .2258136- 03-
3.62	.1522366	01- .2223147- 03-
3.63	.1500478	01- .2188762- 03-
3.64	.1478928	01- .2155076- 03-
3.65	.1457711	01- .2121698- 03-
3.66	.1436821	01- .2089046- 03-
3.67	.1416251	01- .2056971- 03-
3.68	.1395999	01- .2025259- 03-
3.69	.1376055	01- .1994386- 03-
3.70	.1356419	01- .1963624- 03-
3.71	.1337082	01- .1933710- 03-
3.72	.1318041	01- .1904085- 03-
3.73	.1299289	01- .1875176- 03-
3.74	.1280825	01- .1846445- 03-
3.75	.1262641	01- .1818441- 03-
3.76	.1244734	01- .1790715- 03-
3.77	.1227099	01- .1763539- 03-
3.78	.1209730	01- .1736894- 03-
3.79	.1192625	01- .1710547- 03-
3.80	.1175778	01- .1684675- 03-
3.81	.1159186	01- .1659231- 03-
3.82	.1142843	01- .1634253- 03-
3.83	.1126748	01- .1609582- 03-
3.84	.1110895	01- .1585321- 03-
3.85	.1095279	01- .1561535- 03-
3.86	.1079898	01- .1538112- 03-
3.87	.1064748	01- .1515109- 03-
3.88	.1049824	01- .1492329- 03-
3.89	.1035124	01- .1470051- 03-
3.90	.1020644	01- .1448044- 03-
3.91	.1006379	01- .1426474- 03-
3.92	.9923262	02- .1405306- 03-
3.93	.9784835	02- .1384272- 03-
3.94	.9648464	02- .1363714- 03-
3.95	.9514117	02- .1343473- 03-
3.96	.9381756	02- .1323612- 03-
3.97	.9251364	02- .1303912- 03-
3.98	.9122899	02- .1284660- 03-
3.99	.8996335	02- .1265641- 03-
4.00	.8871637	02- .1246978- 03-

x	$h_2^{(1)}(ix)$	Diff.
4.00	.8871637	02- .1246978- 03-
4.01	.8748775	02- .1228620- 03-
4.02	.8627726	02- .1210489- 03-
4.03	.8508457	02- .1192696- 03-
4.04	.8390944	02- .1175131- 03-
4.05	.8275154	02- .1157899- 03-
4.06	.8161057	02- .1140977- 03-
4.07	.8048638	02- .1124194- 03-
4.08	.7937860	02- .1107771- 03-
4.09	.7828702	02- .1091583- 03-
4.10	.7721134	02- .1075680- 03-
4.11	.7615141	02- .1059939- 03-
4.12	.7510689	02- .1044513- 03-
4.13	.7407758	02- .1029314- 03-
4.14	.7306323	02- .1014353- 03-
4.15	.7206357	02- .9996673- 04-
4.16	.7107846	02- .9851107- 04-
4.17	.7010762	02- .9708419- 04-
4.18	.6915083	02- .9567873- 04-
4.19	.6820785	02- .9429833- 04-
4.20	.6727846	02- .9293869- 04-
4.21	.6636255	02- .9159097- 04-
4.22	.6545982	02- .9027380- 04-
4.23	.6457009	02- .8897256- 04-
4.24	.6369313	02- .8769546- 04-
4.25	.6282882	02- .8643163- 04-
4.26	.6197689	02- .8519306- 04-
4.27	.6113719	02- .8396940- 04-
4.28	.6030950	02- .8276958- 04-
4.29	.5949365	02- .8158456- 04-
4.30	.5868950	02- .8041575- 04-
4.31	.5789682	02- .7926781- 04-
4.32	.5711546	02- .7813643- 04-
4.33	.5634522	02- .7702425- 04-
4.34	.5558597	02- .7592454- 04-
4.35	.5483751	02- .7484691- 04-
4.36	.5409970	02- .7378120- 04-
4.37	.5337238	02- .7273150- 04-
4.38	.5265533	02- .7170574- 04-
4.39	.5194848	02- .7068464- 04-
4.40	.5125164	02- .6968393- 04-
4.41	.5056467	02- .6869748- 04-
4.42	.4988739	02- .6772769- 04-
4.43	.4921968	02- .6677169- 04-
4.44	.4856138	02- .6583049- 04-
4.45	.4791238	02- .6490001- 04-
4.46	.4727250	02- .6398759- 04-
4.47	.4664162	02- .6308803- 04-
4.48	.4601961	02- .6220123- 04-
4.49	.4540635	02- .6132615- 04-
4.50	.4480171	02- .6046486- 04-

x	$h_2^{(1)}(ix)$	Diff.
4.50	.4480171	02- .6046486- 04-
4.51	.4420552	02- .5961913- 04-
4.52	.4361766	02- .5878578- 04-
4.53	.4303806	02- .5795970- 04-
4.54	.4246656	02- .5715085- 04-
4.55	.4190303	02- .5635280- 04-
4.56	.4134737	02- .5556592- 04-
4.57	.4079944	02- .5479358- 04-
4.58	.4025916	02- .5402756- 04-
4.59	.3972643	02- .5327356- 04-
4.60	.3920108	02- .52533512- 04-
4.61	.3868302	02- .5180608- 04-
4.62	.3817217	02- .5108486- 04-
4.63	.3766840	02- .5037743- 04-
4.64	.3717162	02- .4967819- 04-
4.65	.3668171	02- .4899107- 04-
4.66	.3619857	02- .4831446- 04-
4.67	.3572212	02- .4764447- 04-
4.68	.3525226	02- .4698648- 04-
4.69	.3478888	02- .4633800- 04-
4.70	.3433187	02- .4570145- 04-
4.71	.3388118	02- .4506899- 04-
4.72	.3343669	02- .44444910- 04-
4.73	.3299832	02- .4383759- 04-
4.74	.3256597	02- .4323493- 04-
4.75	.3213955	02- .4264252- 04-
4.76	.3171898	02- .4205663- 04-
4.77	.3130419	02- .4147902- 04-
4.78	.3089508	02- .4091100- 04-
4.79	.3049158	02- .4035063- 04-
4.80	.3009357	02- .3980059- 04-
4.81	.2970103	02- .3925455- 04-
4.82	.2931384	02- .3871877- 04-
4.83	.2893194	02- .3819061- 04-
4.84	.2855523	02- .3767084- 04-
4.85	.2818367	02- .3715591- 04-
4.86	.2781717	02- .3665104- 04-
4.87	.2745565	02- .3615157- 04-
4.88	.2709906	02- .3565983- 04-
4.89	.2674728	02- .3517759- 04-
4.90	.2640030	02- .3469778- 04-
4.91	.2605803	02- .3422756- 04-
4.92	.2572039	02- .3376375- 04-
4.93	.2538733	02- .3330666- 04-
4.94	.2505876	02- .3285720- 04-
4.95	.2473465	02- .3241138- 04-
4.96	.2441491	02- .3197320- 04-
4.97	.2409950	02- .3154181- 04-
4.98	.2378833	02- .3111731- 04-
4.99	.2348136	02- .3069654- 04-
5.00	.2317854	02- .3028284- 04-

x	$h_2^{(1)}(ix)$	Diff.
5.00	.2317854	02- .3028284- 04-
5.01	.2287979	02- .2987520- 04-
5.02	.2258505	02- .2947343- 04-
5.03	.2229427	02- .2907827- 04-
5.04	.2200741	02- .2868609- 04-
5.05	.2172440	02- .2830164- 04-
5.06	.2144518	02- .2792138- 04-
5.07	.2116970	02- .2754820- 04-
5.08	.2089792	02- .2717809- 04-
5.09	.2062979	02- .2681385- 04-
5.10	.2036523	02- .2645566- 04-
5.11	.2010421	02- .2610223- 04-
5.12	.1984667	02- .2575410- 04-
5.13	.1959258	02- .2540905- 04-
5.14	.1934188	02- .2507042- 04-
5.15	.1909452	02- .2473607- 04-
5.16	.1885045	02- .2440704- 04-
5.17	.1860963	02- .2408219- 04-
5.18	.1837202	02- .2376098- 04-
5.19	.1813757	02- .23444508- 04-
5.20	.1790624	02- .2313383- 04-
5.21	.1767796	02- .2282761- 04-
5.22	.1745273	02- .2252353- 04-
5.23	.1723048	02- .2222494- 04-
5.24	.1701118	02- .2193046- 04-
5.25	.1679478	02- .2164017- 04-
5.26	.1658124	02- .2135416- 04-
5.27	.1637052	02- .2107151- 04-
5.28	.1616260	02- .2079211- 04-
5.29	.1595742	02- .2051839- 04-
5.30	.1575496	02- .2024663- 04-
5.31	.1555515	02- .1998083- 04-
5.32	.1535798	02- .1971681- 04-
5.33	.1516342	02- .1945687- 04-
5.34	.1497141	02- .1920057- 04-
5.35	.1478192	02- .1894912- 04-
5.36	.1459494	02- .1869868- 04-
5.37	.1441041	02- .1845319- 04-
5.38	.1422830	02- .1821048- 04-
5.39	.1404859	02- .1797160- 04-
5.40	.1387122	02- .1773672- 04-
5.41	.1369619	02- .1750361- 04-
5.42	.1352345	02- .1727413- 04-
5.43	.1335297	02- .1704773- 04-
5.44	.1318472	02- .1682532- 04-
5.45	.1301867	02- .1660544- 04-
5.46	.1285479	02- .1638779- 04-
5.47	.1269305	02- .1617386- 04-
5.48	.1253343	02- .1596227- 04-
5.49	.1237588	02- .1575542- 04-
5.50	.1222039	02- .1554867- 04-

x	$h_2^{(1)}(ix)$	Diff.
5.50	.1222039	02- .1554867- 04-
5.51	.1206693	02- .1534657- 04-
5.52	.1191547	02- .1514624- 04-
5.53	.1176598	02- .1494899- 04-
5.54	.1161842	02- .1475583- 04-
5.55	.1147280	02- .1456277- 04-
5.56	.1132906	02- .1437380- 04-
5.57	.1118719	02- .1418726- 04-
5.58	.1104715	02- .1400370- 04-
5.59	.1090894	02- .1382125- 04-
5.60	.1077252	02- .1364244- 04-
5.61	.1063787	02- .1346539- 04-
5.62	.1050496	02- .1329142- 04-
5.63	.1037376	02- .1311969- 04-
5.64	.1024427	02- .1294925- 04-
5.65	.1011645	02- .1278236- 04-
5.66	.9990276	03- .1261715- 04-
5.67	.9865739	03- .1245375- 04-
5.68	.9742801	03- .1229383- 04-
5.69	.9621453	03- .1213480- 04-
5.70	.9501671	03- .1197823- 04-
5.71	.9383432	03- .1182390- 04-
5.72	.9266710	03- .1167222- 04-
5.73	.9151495	03- .1152147- 04-
5.74	.9037765	03- .1137307- 04-
5.75	.8925492	03- .1122732- 04-
5.76	.8814665	03- .1108266- 04-
5.77	.8705255	03- .1094104- 04-
5.78	.8597254	03- .1080008- 04-
5.79	.8490639	03- .1066149- 04-
5.80	.8385391	03- .1052488- 04-
5.81	.8281492	03- .1038989- 04-
5.82	.8178920	03- .1025719- 04-
5.83	.8077662	03- .1012584- 04-
5.84	.7977703	03- .9995946- 05-
5.85	.7879021	03- .9868225- 05-
5.86	.7781594	03- .9742627- 05-
5.87	.7685418	03- .9617643- 05-
5.88	.7590471	03- .9494736- 05-
5.89	.7496735	03- .9373562- 05-
5.90	.7404193	03- .9254231- 05-
5.91	.7312829	03- .9136447- 05-
5.92	.7222631	03- .9019808- 05-
5.93	.7133582	03- .8904893- 05-
5.94	.7045668	03- .8791457- 05-
5.95	.6958867	03- .8680118- 05-
5.96	.6873176	03- .8569142- 05-
5.97	.6788571	03- .8460475- 05-
5.98	.6705042	03- .8352888- 05-
5.99	.6622575	03- .8246736- 05-
6.00	.6541148	03- .8142661- 05-

x	$h_2^{(1)}(ix)$	Diff.
6.00	.6541148	03- .8142661- 05-
6.01	.6460760	03- .8038837- 05-
6.02	.6381391	03- .7936913- 05-
6.03	.6303027	03- .7836470- 05-
6.04	.6225654	03- .7737238- 05-
6.05	.6149260	03- .7639421- 05-
6.06	.6073835	03- .7542563- 05-
6.07	.5999364	03- .7447084- 05-
6.08	.5925836	03- .7352843- 05-
6.09	.5853232	03- .7260456- 05-
6.10	.5781547	03- .7168423- 05-
6.11	.5710768	03- .7077945- 05-
6.12	.5640883	03- .6988482- 05-
6.13	.5571879	03- .6900500- 05-
6.14	.5503743	03- .6813608- 05-
6.15	.5435465	03- .6727824- 05-
6.16	.5370037	03- .6642775- 05-
6.17	.5304446	03- .6559152- 05-
6.18	.5239679	03- .6476655- 05-
6.19	.5175722	03- .6395705- 05-
6.20	.5112575	03- .6314717- 05-
6.21	.5050220	03- .6235489- 05-
6.22	.4988648	03- .6157230- 05-
6.23	.4927847	03- .6080107- 05-
6.24	.4857811	03- .6003692- 05-
6.25	.4808528	03- .5928237- 05-
6.26	.4749988	03- .5854020- 05-
6.27	.4692183	03- .5780538- 05-
6.28	.4635097	03- .5708584- 05-
6.29	.4578730	03- .5636714- 05-
6.30	.4523070	03- .5566073- 05-
6.31	.4468104	03- .5496634- 05-
6.32	.4413823	03- .5428088- 05-
6.33	.4360223	03- .5360028- 05-
6.34	.4307292	03- .5293084- 05-
6.35	.4255022	03- .5226979- 05-
6.36	.4203407	03- .5161544- 05-
6.37	.4152431	03- .5097637- 05-
6.38	.4102095	03- .5033627- 05-
6.39	.4052384	03- .4971107- 05-
6.40	.4003292	03- .4909174- 05-
6.41	.3954815	03- .4847772- 05-
6.42	.3906937	03- .4787757- 05-
6.43	.3859657	03- .4728041- 05-
6.44	.3812967	03- .4669023- 05-
6.45	.3766854	03- .4611263- 05-
6.46	.3721314	03- .4554052- 05-
6.47	.3676344	03- .4497008- 05-
6.48	.3631930	03- .4441454- 05-
6.49	.3588067	03- .4386255- 05-
6.50	.3544749	03- .4331847- 05-

x	$h_2^{(1)}(ix)$	Diff.
6.50	.3544749	03- .4331847- 05-
6.51	.3501966	03- .4278315- 05-
6.52	.3459716	03- .4224969- 05-
6.53	.3417989	03- .4172753- 05-
6.54	.3376780	03- .4120958- 05-
6.55	.3336080	03- .4069940- 05-
6.56	.3295883	03- .4019752- 05-
6.57	.3256183	03- .3969982- 05-
6.58	.3216976	03- .3920752- 05-
6.59	.3178254	03- .3872230- 05-
6.60	.3140008	03- .3824546- 05-
6.61	.3102236	03- .3777217- 05-
6.62	.3064930	03- .3730614- 05-
6.63	.3028085	03- .3684531- 05-
6.64	.2991695	03- .3638999- 05-
6.65	.2955753	03- .3594295- 05-
6.66	.2920253	03- .3549946- 05-
6.67	.2885194	03- .3505960- 05-
6.68	.2850565	03- .3462923- 05-
6.69	.2816361	03- .3420427- 05-
6.70	.2782578	03- .3378229- 05-
6.71	.2749213	03- .3336561- 05-
6.72	.2716257	03- .3295611- 05-
6.73	.2683707	03- .3255024- 05-
6.74	.2651556	03- .3215154- 05-
6.75	.2619799	03- .3175629- 05-
6.76	.2588434	03- .3136588- 05-
6.77	.2557454	03- .3097966- 05-
6.78	.2526854	03- .3059996- 05-
6.79	.2496628	03- .3022687- 05-
6.80	.2466774	03- .2985379- 05-
6.81	.2437286	03- .2948833- 05-
6.82	.2408160	03- .2912595- 05-
6.83	.2379388	03- .2877187- 05-
6.84	.2350971	03- .2841787- 05-
6.85	.2322900	03- .2807040- 05-
6.86	.2295174	03- .2772636- 05-
6.87	.2267786	03- .2738792- 05-
6.88	.2240734	03- .2705292- 05-
6.89	.2214011	03- .2672268- 05-
6.90	.2187616	03- .2639485- 05-
6.91	.2161544	03- .2607242- 05-
6.92	.2135789	03- .2575531- 05-
6.93	.2110348	03- .2544118- 05-
6.94	.2085218	03- .2513012- 05-
6.95	.2060394	03- .2482427- 05-
6.96	.2035873	03- .2452208- 05-
6.97	.2011650	03- .2422292- 05-
6.98	.1987723	03- .2392722- 05-
6.99	.1964087	03- .2363581- 05-
7.00	.1940740	03- .2334728- 05-

x	$h_2^{(1)}(ix)$	Diff.	x	$h_2^{(1)}(ix)$	Diff.	
7.00	.1940740	03-	.2334728-	05-	.1272164-	05-
7.01	.1917676	03-	.2306416-	05-	.1255834-	05-
7.02	.1894892	03-	.2278458-	05-	.1241877-	05-
7.03	.1872386	03-	.2250565-	05-	.1227032-	05-
7.04	.1850154	03-	.2223268-	05-	.1212317-	05-
7.05	.1828192	03-	.2196213-	05-	.1197770-	05-
7.06	.1806496	03-	.2169558-	05-	.1183511-	05-
7.07	.1785063	03-	.2143342-	05-	.1169391-	05-
7.08	.1763892	03-	.2117116-	05-	.1155331-	05-
7.09	.1742978	03-	.2091476-	05-	.1141549-	05-
7.10	.1722316	03-	.2066154-	05-	.1127918-	05-
7.11	.1701905	03-	.2041110-	05-	.1114447-	05-
7.12	.1681742	03-	.2016328-	05-	.1101210-	05-
7.13	.1661823	03-	.1991881-	05-	.1088319-	05-
7.14	.1642146	03-	.1967797-	05-	.1075024-	05-
7.15	.1622707	03-	.1943843-	05-	.1062192-	05-
7.16	.1603503	03-	.1920476-	05-	.1049579-	05-
7.17	.1584532	03-	.1897109-	05-	.1037080-	05-
7.18	.1565790	03-	.1874171-	05-	.1024653-	05-
7.19	.1547275	03-	.1851512-	05-	.1012500-	05-
7.20	.1528983	03-	.1829216-	05-	.1000412-	05-
7.21	.1510913	03-	.1806995-	05-	.9885743-	06-
7.22	.1493062	03-	.1785173-	05-	.9767483-	06-
7.23	.1475426	03-	.1763595-	05-	.9651264-	06-
7.24	.1458003	03-	.1742314-	05-	.9536394-	06-
7.25	.1440789	03-	.1721396-	05-	.9422978-	06-
7.26	.1423784	03-	.1700479-	05-	.9311331-	06-
7.27	.1406985	03-	.1679971-	05-	.9200410-	06-
7.28	.1390387	03-	.1659762-	05-	.9091213-	06-
7.29	.1373991	03-	.1639683-	05-	.8983030-	06-
7.30	.1357791	03-	.1620013-	05-	.8876273-	06-
7.31	.1341786	03-	.1600455-	05-	.8771499-	06-
7.32	.1325975	03-	.1581149-	05-	.8666884-	06-
7.33	.1310354	03-	.1562131-	05-	.8564252-	06-
7.34	.1294920	03-	.1543421-	05-	.8462319-	06-
7.35	.1279673	03-	.1524701-	05-	.8362546-	06-
7.36	.1264609	03-	.1506457-	05-	.8263072-	06-
7.37	.1249726	03-	.1488287-	05-	.8165190-	06-
7.38	.1235023	03-	.1470340-	05-	.8068220-	06-
7.39	.1220495	03-	.1452822-	05-	.7972611-	06-
7.40	.1206142	03-	.1435294-	05-	.7878743-	06-
7.41	.1191962	03-	.1418009-	05-	.7784977-	06-
7.42	.1177952	03-	.1401021-	05-	.7692944-	06-
7.43	.1164110	03-	.1384211-	05-	.7601935-	06-
7.44	.1150433	03-	.1367643-	05-	.7511923-	06-
7.45	.1136922	03-	.1351187-	05-	.7423419-	06-
7.46	.1123572	03-	.1334981-	05-	.7335437-	06-
7.47	.1110383	03-	.1318944-	05-	.7248591-	06-
7.48	.1097351	03-	.1303214-	05-	.7163002-	06-
7.49	.1084476	03-	.1287531-	05-	.7078429-	06-
7.50	.1071754	03-	.1272164-	05-	.6994740-	06-
7.50	.1071754	03-	.1272164-	05-	.6994740-	06-
7.51	.1059186	03-	.1255834-	05-	.6911020	04-
7.52	.1046767	03-	.1241877-	05-	.7621190	04-
7.53	.1034497	03-	.1227032-	05-	.7532427	04-
7.54	.1022374	03-	.1212317-	05-	.7444713	04-
7.55	.1010396	03-	.1197770-	05-	.7358044	04-
7.56	.9985616	04-	.1183511-	05-	.7272401	04-
7.57	.9868677	04-	.1169391-	05-	.7187778	04-
7.58	.9753144	04-	.1155331-	05-	.7104153	04-
7.59	.9638989	04-	.1141549-	05-	.7021523	04-
7.60	.9526197	04-	.1127918-	05-	.6939871	04-
7.61	.9414753	04-	.1114447-	05-	.6859189	04-
7.62	.9304632	04-	.1101210-	05-	.6779463	04-
7.63	.9195830	04-	.1088319-	05-	.6700675	04-
7.64	.9088328	04-	.1075024-	05-	.6622826	04-
7.65	.8982109	04-	.1062192-	05-	.6545897	04-
7.66	.8877151	04-	.1049579-	05-	.6469877	04-
7.67	.8773443	04-	.1037080-	05-	.6394758	04-
7.68	.8670978	04-	.1024653-	05-	.6320524	04-
7.69	.8569728	04-	.1012500-	05-	.6247170	04-
7.70	.8469687	04-	.1000412-	05-	.6174684	04-
7.71	.8370830	04-	.9885743-	06-	.6103054	04-
7.72	.8273155	04-	.9767483-	06-	.6032270	04-
7.73	.8176643	04-	.9651264-	06-	.5962323	04-
7.74	.8081279	04-	.9536394-	06-		
7.75	.7987049	04-	.9422978-	06-		
7.76	.7893936	04-	.9311331-	06-		
7.77	.7801932	04-	.9200410-	06-		
7.78	.7711020	04-	.9091213-	06-		
7.79	.7621190	04-	.8983030-	06-		
7.80	.7532427	04-	.8876273-	06-		
7.81	.7444713	04-	.8771499-	06-		
7.82	.7358044	04-	.8666884-	06-		
7.83	.7272401	04-	.8564252-	06-		
7.84	.7187778	04-	.8462319-	06-		
7.85	.7104153	04-	.8362546-	06-		
7.86	.7021523	04-	.8263072-	06-		
7.87	.6939871	04-	.8165190-	06-		
7.88	.6859189	04-	.8068220-	06-		
7.89	.6779463	04-	.7972611-	06-		
7.90	.6700675	04-	.7878743-	06-		
7.91	.6622826	04-	.7784977-	06-		
7.92	.6545897	04-	.7692944-	06-		
7.93	.6469877	04-	.7601935-	06-		
7.94	.6394758	04-	.7511923-	06-		
7.95	.6320524	04-	.7423419-	06-		
7.96	.6247170	04-	.7335437-	06-		
7.97	.6174684	04-	.7248591-	06-		
7.98	.6103054	04-	.7163002-	06-		
7.99	.6032270	04-	.7078429-	06-		
8.00	.5962323	04-	.6994740-	06-		

x	$h_2^{(1)}(ix)$	Diff.
8.00	.5962323	04- .6994740- 06-
8.01	.5893201	04- .6912244- 06-
8.02	.5824897	04- .6830409- 06-
8.03	.5757397	04- .6749998- 06-
8.04	.5690690	04- .6670668- 06-
8.05	.5624776	04- .6591394- 06-
8.06	.5559638	04- .6513908- 06-
8.07	.5495268	04- .6437018- 06-
8.08	.5431653	04- .6361497- 06-
8.09	.5368789	04- .6286339- 06-
8.10	.5306669	04- .6212010- 06-
8.11	.5245279	04- .6139060- 06-
8.12	.5184611	04- .6066808- 06-
8.13	.5124657	04- .5995413- 06-
8.14	.5065410	04- .5924772- 06-
8.15	.5006859	04- .5855035- 06-
8.16	.4948999	04- .5786080- 06-
8.17	.4891817	04- .5718186- 06-
8.18	.4835308	04- .5650954- 06-
8.19	.4779463	04- .5584486- 06-
8.20	.4724275	04- .5518808- 06-
8.21	.4669735	04- .5454026- 06-
8.22	.4615834	04- .5390062- 06-
8.23	.4562567	04- .5326695- 06-
8.24	.4509926	04- .5264120- 06-
8.25	.4457905	04- .5202131- 06-
8.26	.4406493	04- .5141269- 06-
8.27	.4355681	04- .5081199- 06-
8.28	.4305468	04- .5021343- 06-
8.29	.4255843	04- .4962465- 06-
8.30	.4206801	04- .4904220- 06-
8.31	.4158334	04- .4846766- 06-
8.32	.4110430	04- .4790319- 06-
8.33	.4063093	04- .4733760- 06-
8.34	.4016308	04- .4678560- 06-
8.35	.3970072	04- .4623547- 06-
8.36	.3924374	04- .4569847- 06-
8.37	.3879213	04- .4516081- 06-
8.38	.3834582	04- .4463145- 06-
8.39	.3790472	04- .4411056- 06-
8.40	.3746878	04- .4359377- 06-
8.41	.3703792	04- .4308657- 06-
8.42	.3661210	04- .4258170- 06-
8.43	.3619129	04- .4208102- 06-
8.44	.3577537	04- .4159226- 06-
8.45	.3536431	04- .4110649- 06-
8.46	.3495805	04- .4062546- 06-
8.47	.3455654	04- .4015104- 06-
8.48	.3415971	04- .3968315- 06-
8.49	.3376753	04- .3921879- 06-
8.50	.3337989	04- .3876402- 06-

x	$h_2^{(1)}(ix)$	Diff.
8.50	.3337989	04- .3876402- 06-
8.51	.3299680	04- .3830870- 06-
8.52	.3261818	04- .3786278- 06-
8.53	.3224397	04- .3742050- 06-
8.54	.3187412	04- .3698548- 06-
8.55	.3150857	04- .3655502- 06-
8.56	.3114730	04- .3612773- 06-
8.57	.3079022	04- .3570752- 06-
8.58	.3043731	04- .3529084- 06-
8.59	.3008851	04- .3488078- 06-
8.60	.2974377	04- .3447370- 06-
8.61	.2940304	04- .3407314- 06-
8.62	.2906628	04- .3367612- 06-
8.63	.2873345	04- .3328338- 06-
8.64	.2840447	04- .3289837- 06-
8.65	.2807931	04- .3251625- 06-
8.66	.2775795	04- .3213543- 06-
8.67	.2744032	04- .3176346- 06-
8.68	.2712638	04- .3139391- 06-
8.69	.2681609	04- .3102967- 06-
8.70	.2650940	04- .3066916- 06-
8.71	.2620629	04- .3031088- 06-
8.72	.2590668	04- .2996163- 06-
8.73	.2561054	04- .2961350- 06-
8.74	.2531785	04- .2926900- 06-
8.75	.2502856	04- .2892991- 06-
8.76	.2474263	04- .2859305- 06-
8.77	.2446001	04- .2826169- 06-
8.78	.2418066	04- .2793563- 06-
8.79	.2390456	04- .2761022- 06-
8.80	.2363167	04- .2728892- 06-
8.81	.2336193	04- .2697423- 06-
8.82	.2309530	04- .2666251- 06-
8.83	.2283179	04- .2635192- 06-
8.84	.2257131	04- .2604803- 06-
8.85	.2231386	04- .2574516- 06-
8.86	.2205939	04- .2544414- 06-
8.87	.2180784	04- .2514551- 06-
8.88	.2155923	04- .24846124- 06-
8.89	.2131349	04- .24547458- 06-
8.90	.2107059	04- .2429016- 06-
8.91	.2083051	04- .2400834- 06-
8.92	.2059318	04- .2373229- 06-
8.93	.2035861	04- .2345755- 06-
8.94	.2012675	04- .2318580- 06-
8.95	.1989758	04- .2291757- 06-
8.96	.1967103	04- .2265466- 06-
8.97	.1944712	04- .2239119- 06-
8.98	.1922581	04- .2213200- 06-
8.99	.1900703	04- .2187738- 06-
9.00	.1879079	04- .2162471- 06-

x	$h_2^{(1)}(ix)$		Diff.	
9.00	.1879079	04-	.2162471-	06-
9.01	.1857703	04-	.2137614-	06-
9.02	.1836575	04-	.2112822-	06-
9.03	.1815690	04-	.2088440-	06-
9.04	.1795047	04-	.2064366-	06-
9.05	.1774642	04-	.2040524-	06-
9.06	.1754470	04-	.2017148-	06-
9.07	.1734534	04-	.1993678-	06-
9.08	.1714826	04-	.1970842-	06-
9.09	.1695345	04-	.1948071-	06-
9.10	.1676087	04-	.1925775-	06-
9.11	.1657054	04-	.1903377-	06-
9.12	.1638238	04-	.1881547-	06-
9.13	.1619640	04-	.1859866-	06-
9.14	.1601256	04-	.1838399-	06-
9.15	.1583082	04-	.1817416-	06-
9.16	.1565119	04-	.1796321-	06-
9.17	.1547362	04-	.1775693-	06-
9.18	.1529809	04-	.1755371-	06-
9.19	.1512460	04-	.1734928-	06-
9.20	.1495306	04-	.1715315-	06-
9.21	.1478353	04-	.1695413-	06-
9.22	.1461594	04-	.1675855-	06-
9.23	.1445028	04-	.1656670-	06-
9.24	.1428651	04-	.1637652-	06-
9.25	.1412463	04-	.1618821-	06-
9.26	.1396461	04-	.1600278-	06-
9.27	.1380643	04-	.1581801-	06-
9.28	.1365006	04-	.1563687-	06-
9.29	.1349549	04-	.1545740-	06-
9.30	.1334269	04-	.1527979-	06-
9.31	.1319165	04-	.1510396-	06-
9.32	.1304234	04-	.1493111-	06-
9.33	.1289473	04-	.1476123-	06-
9.34	.1274884	04-	.1459395-	06-
9.35	.1260460	04-	.1442382-	06-
9.36	.1246203	04-	.1425702-	06-
9.37	.1232108	04-	.1409487-	06-
9.38	.1218175	04-	.1393329-	06-
9.39	.1204402	04-	.1377301-	06-
9.40	.1190787	04-	.1361561-	06-
9.41	.1177328	04-	.1345943-	06-
9.42	.1164023	04-	.1330511-	06-
9.43	.1150870	04-	.1315312-	06-
9.44	.1137868	04-	.1300234-	06-
9.45	.1125014	04-	.1285324-	06-
9.46	.1112303	04-	.1270654-	06-
9.47	.1099746	04-	.1256182-	06-
9.48	.1087329	04-	.1241700-	06-
9.49	.1075054	04-	.1227517-	06-
9.50	.1062920	04-	.1213444-	06-

x	$h_2^{(1)}(ix)$		Diff.	
9.50	.1062920	04-	.1213444-	06-
9.51	.1050924	04-	.1199614-	06-
9.52	.1039065	04-	.1185970-	06-
9.53	.1027341	04-	.1172317-	06-
9.54	.1015753	04-	.1158915-	06-
9.55	.1004295	04-	.1145728-	06-
9.56	.9929699	05-	.1132559-	06-
9.57	.9817726	05-	.1119734-	06-
9.58	.9707042	05-	.1106842-	06-
9.59	.9597620	05-	.1094218-	06-
9.60	.9489443	05-	.1081772-	06-
9.61	.9382499	05-	.1069440-	06-
9.62	.9276786	05-	.1057137-	06-
9.63	.9172273	05-	.1045127-	06-
9.64	.9068955	05-	.1033188-	06-
9.65	.8966814	05-	.1021405-	06-
9.66	.8865833	05-	.1009811-	06-
9.67	.8766009	05-	.9982423-	07-
9.68	.8667325	05-	.9868457-	07-
9.69	.8569762	05-	.9756336-	07-
9.70	.8473309	05-	.9645238-	07-
9.71	.8377959	05-	.9535090-	07-
9.72	.8283695	05-	.9426368-	07-
9.73	.8190506	05-	.9318968-	07-
9.74	.8098376	05-	.9212918-	07-
9.75	.8007296	05-	.9108089-	07-
9.76	.7917251	05-	.9004483-	07-
9.77	.7828236	05-	.8901144-	07-
9.78	.7740232	05-	.8800408-	07-
9.79	.7653229	05-	.8700383-	07-
9.80	.7567214	05-	.8601144-	07-
9.81	.7482179	05-	.8503511-	07-
9.82	.7398112	05-	.8406774-	07-
9.83	.7315003	05-	.8310867-	07-
9.84	.7232834	05-	.8216990-	07-
9.85	.7151602	05-	.8123178-	07-
9.86	.7071295	05-	.8030725-	07-
9.87	.6991900	05-	.7939530-	07-
9.88	.6913405	05-	.7849471-	07-
9.89	.6835601	05-	.7760418-	07-
9.90	.6759081	05-	.7671971-	07-
9.91	.6683233	05-	.7584826-	07-
9.92	.6608248	05-	.7498512-	07-
9.93	.6534112	05-	.7413706-	07-
9.94	.6460815	05-	.7329654-	07-
9.95	.6388353	05-	.7246217-	07-
9.96	.6316714	05-	.7163897-	07-
9.97	.6245888	05-	.7082648-	07-
9.98	.6175861	05-	.7002732-	07-
9.99	.6106632	05-	.6922917-	07-
10.00	.6038191	05-	.6844129-	07-

x	$ih_3^{(1)}(ix)$	Diff.	x	$ih_3^{(1)}(ix)$	Diff.
.00	∞	-	.50	.2341208 03	.1995256- 02
.01	.1409985 10	$-\infty$.51	.2160766 03	.1804424- 02
.02	.9374624 08	.1406239- 10	.52	.1997262 03	.1635041- 02
.03	.1351685 08	.7522939- 08	.53	.1848828 03	.1484336- 02
.04	.5358437 07	.1265842- 08	.54	.1713833 03	.1349952- 02
.05	.2399400 07	.3459037- 07	.55	.1590846 03	.1229872- 02
.06	.1156991 07	.1242409- 07	.56	.1478611 03	.1122357- 02
.07	.6244336 06	.5325571- 06	.57	.1376022 03	.1025887- 02
.08	.3659766 06	.2584569- 06	.58	.1282105 03	.9391741- 01
.09	.2284386 06	.1375380- 06	.59	.1195996 03	.8610855- 01
.10	.1498501 06	.7858850- 05	.60	.1116933 03	.7906328- 01
.11	.1023282 06	.4752197- 05	.61	.1044237 03	.7269639- 01
.12	.7223391 05	.3009429- 05	.62	.9773038 02	.6693337- 01
.13	.5243053 05	.1980338- 05	.63	.9155965 02	.6170727- 01
.14	.3896982 05	.1346071- 05	.64	.8586342 02	.5696238- 01
.15	.2956308 05	.9406741- 04	.65	.8059878 02	.5264636- 01
.16	.2232971 05	.6733372- 04	.66	.7572718 02	.4871603- 01
.17	.1790777 05	.4921938- 04	.67	.7121408 02	.4513104- 01
.18	.1424281 05	.3664966- 04	.68	.6702842 02	.4185660- 01
.19	.1146861 05	.2774198- 04	.69	.6314222 02	.3886206- 01
.20	.9337621 04	.2130993- 04	.70	.5953023 02	.3611983- 01
.21	.7678946 04	.1658676- 04	.71	.5616971 02	.3360530- 01
.22	.6372383 04	.1306563- 04	.72	.5303996 02	.3129745- 01
.23	.5331954 04	.1040428- 04	.73	.5012234 02	.2917625- 01
.24	.4495204 04	.8367503- 03	.74	.4739993 02	.2722413- 01
.25	.3816123 04	.6790813- 03	.75	.4485732 02	.2542611- 01
.26	.3260382 04	.5557413- 03	.76	.4248053 02	.2376784- 01
.27	.2802062 04	.4583200- 03	.77	.4025683 02	.2223708- 01
.28	.2421380 04	.3806819- 03	.78	.3817458 02	.2082253- 01
.29	.2103085 04	.3182955- 03	.79	.3622319 02	.1951392- 01
.30	.1835309 04	.2677764- 03	.80	.3439296 02	.1830221- 01
.31	.1608733 04	.2265759- 03	.81	.3267505 02	.1717914- 01
.32	.1415986 04	.1927466- 03	.82	.3106132 02	.1613732- 01
.33	.1251189 04	.1647980- 03	.83	.2954434 02	.1516987- 01
.34	.1109619 04	.1415696- 03	.84	.2811725 02	.1427085- 01
.35	.9874611 03	.1221581- 03	.85	.2677380 02	.1343454- 01
.36	.8816100 03	.1058512- 03	.86	.2550821 02	.1265593- 01
.37	.7895238 03	.9208621- 02	.87	.2431515 02	.1193054- 01
.38	.7091119 03	.8041187- 02	.88	.2318975 02	.1125409- 01
.39	.6386451 03	.7046683- 02	.89	.2212747 02	.1062281- 01
.40	.5766847 03	.6196048- 02	.90	.2112414 02	.1003326- 01
.41	.5220292 03	.5465544- 02	.91	.2017592 02	.9482285- 00
.42	.4736708 03	.4835845- 02	.92	.1927923 02	.8966872- 00
.43	.4307596 03	.4291118- 02	.93	.1843079 02	.8484437- 00
.44	.3925769 03	.3818275- 02	.94	.1762752 02	.8032700- 00
.45	.3585120 03	.3406489- 02	.95	.1686661 02	.7609143- 00
.46	.3280442 03	.3046782- 02	.96	.1614541 02	.7211934- 00
.47	.3007280 03	.2731622- 02	.97	.1546150 02	.6839172- 00
.48	.2761809 03	.2454712- 02	.98	.1481259 02	.6489051- 00
.49	.2540733 03	.2210755- 02	.99	.1419660 02	.6159977- 00
.50	.2341208 03	.1995256- 02	1.00	.1361154 02	.5850629- 00

x	$ih_3^{(1)}(ix)$	Diff.
1.00	.1331154 02	.5850329- 00
1.01	.1305356 02	.5559573- 00
1.02	.1252704 02	.5285455- 00
1.03	.1202431 02	.5027313- 00
1.04	.1154591 02	.4784004- 00
1.05	.1109045 02	.4554532- 00
1.06	.1065665 02	.4337985- 00
1.07	.1024339 02	.4133531- 00
1.08	.9849252 01	.3940524- 00
1.09	.9473447 01	.3758050- 00
1.10	.9114904 01	.3585429- 00
1.11	.8772384 01	.3422202- 00
1.12	.8445914 01	.3267701- 00
1.13	.8133774 01	.3121402- 00
1.14	.7835491 01	.2982826- 00
1.15	.7550350 01	.2851409- 00
1.16	.7277668 01	.2726831- 00
1.17	.7016803 01	.2608646- 00
1.18	.6767159 01	.2496447- 00
1.19	.6528157 01	.2390016- 00
1.20	.6299280 01	.2288772- 00
1.21	.6080018 01	.2192624- 00
1.22	.5869895 01	.2101226- 00
1.23	.5668464 01	.2014316- 00
1.24	.5475306 01	.1931579- 00
1.25	.5290023 01	.1852829- 00
1.26	.5112238 01	.1777853- 00
1.27	.4941592 01	.1706458- 00
1.28	.4777750 01	.1638426- 00
1.29	.4620396 01	.1573534- 00
1.30	.4469231 01	.1511659- 00
1.31	.4323965 01	.1452656- 00
1.32	.4184328 01	.1396377- 00
1.33	.4050070 01	.1342579- 00
1.34	.3920945 01	.1291252- 00
1.35	.3796723 01	.1242222- 00
1.36	.3677188 01	.1195355- 00
1.37	.3562127 01	.1150603- 00
1.38	.3451353 01	.1107748- 00
1.39	.3344673 01	.1066800- 00
1.40	.3241912 01	.1027609- 00
1.41	.3142903 01	.9900886- 01-
1.42	.3047483 01	.9542057- 01-
1.43	.2955502 01	.9198148- 01-
1.44	.2866814 01	.8868766- 01-
1.45	.2781283 01	.8553160- 01-
1.46	.2698775 01	.8250787- 01-
1.47	.2619167 01	.7960811- 01-
1.48	.2542342 01	.7682523- 01-
1.49	.2468182 01	.7415959- 01-
1.50	.2396583 01	.7159967- 01-

x	$ih_3^{(1)}(ix)$	Diff.
1.50	.2396583 01	.7159967- 01-
1.51	.2327439 01	.6914451- 01-
1.52	.2260654 01	.6678473- 01-
1.53	.2196133 01	.6452162- 01-
1.54	.2133786 01	.6234660- 01-
1.55	.2073529 01	.6025690- 01-
1.56	.2015279 01	.5825055- 01-
1.57	.1958960 01	.5631936- 01-
1.58	.1904495 01	.5446445- 01-
1.59	.1851816 01	.5267994- 01-
1.60	.1800851 01	.5096454- 01-
1.61	.1751539 01	.4931284- 01-
1.62	.1703815 01	.4772381- 01-
1.63	.1657620 01	.4619495- 01-
1.64	.1612898 01	.4472263- 01-
1.65	.1569592 01	.4330534- 01-
1.66	.1527653 01	.4193974- 01-
1.67	.1487029 01	.4062369- 01-
1.68	.1447673 01	.3935588- 01-
1.69	.1409539 01	.3813464- 01-
1.70	.1372581 01	.3695800- 01-
1.71	.1336760 01	.3582132- 01-
1.72	.1302032 01	.3472758- 01-
1.73	.1268362 01	.3367025- 01-
1.74	.1235709 01	.3265334- 01-
1.75	.1204041 01	.3166875- 01-
1.76	.1173321 01	.3071973- 01-
1.77	.1143516 01	.2980489- 01-
1.78	.1114597 01	.2891967- 01-
1.79	.1086530 01	.2806686- 01-
1.80	.1059288 01	.2724245- 01-
1.81	.1032843 01	.2644486- 01-
1.82	.1007168 01	.2567550- 01-
1.83	.9822353 00	.2493258- 01-
1.84	.9580220 00	.2421327- 01-
1.85	.9345038 00	.2351822- 01-
1.86	.9116575 00	.2284635- 01-
1.87	.8894605 00	.2219696- 01-
1.88	.8678913 00	.2156921- 01-
1.89	.8469306 00	.2096076- 01-
1.90	.8265576 00	.2037300- 01-
1.91	.8067532 00	.1980438- 01-
1.92	.7874999 00	.1925332- 01-
1.93	.7687787 00	.1872118- 01-
1.94	.7505741 00	.1820471- 01-
1.95	.7328685 00	.1770557- 01-
1.96	.7156470 00	.1722146- 01-
1.97	.6988936 00	.1675345- 01-
1.98	.6825944 00	.1629920- 01-
1.99	.6667346 00	.1585986- 01-
2.00	.6513008 00	.1543374- 01-

x	$ih_3^{(1)}(ix)$	Diff.
2.00	.6513008 00	.1543374- 01-
2.01	.6362800 00	.1502086- 01-
2.02	.6216587 00	.1462128- 01-
2.03	.6074260 00	.1423277- 01-
2.04	.5935689 00	.1385708- 01-
2.05	.5800767 00	.1349224- 01-
2.06	.5669379 00	.1313879- 01-
2.07	.5541417 00	.1279624- 01-
2.08	.5416786 00	.1246310- 01-
2.09	.5295379 00	.1214076- 01-
2.10	.5177107 00	.1182719- 01-
2.11	.5061867 00	.1152404- 01-
2.12	.4949582 00	.1122845- 01-
2.13	.4840157 00	.1094253- 01-
2.14	.4733511 00	.1066460- 01-
2.15	.4629565 00	.1039459- 01-
2.16	.4528236 00	.1013298- 01-
2.17	.4429451 00	.9878469- 02-
2.18	.4333139 00	.9631231- 02-
2.19	.4239225 00	.9391443- 02-
2.20	.4147641 00	.9158389- 02-
2.21	.4058327 00	.8931407- 02-
2.22	.3971213 00	.8711476- 02-
2.23	.3886237 00	.8497550- 02-
2.24	.3803341 00	.8289586- 02-
2.25	.3722465 00	.8087657- 02-
2.26	.3643555 00	.7891008- 02-
2.27	.3566555 00	.7699985- 02-
2.28	.3491414 00	.7514195- 02-
2.29	.3418078 00	.7333584- 02-
2.30	.3346496 00	.7158179- 02-
2.31	.3276628 00	.6986815- 02-
2.32	.3208420 00	.6820807- 02-
2.33	.3141831 00	.6658990- 02-
2.34	.3076812 00	.6501866- 02-
2.35	.3013326 00	.6348626- 02-
2.36	.2951331 00	.6199549- 02-
2.37	.2890785 00	.6054533- 02-
2.38	.2831652 00	.5913391- 02-
2.39	.2773890 00	.5776123- 02-
2.40	.2717469 00	.5642135- 02-
2.41	.2662351 00	.5511889- 02-
2.42	.2608500 00	.5385062- 02-
2.43	.2555885 00	.5261493- 02-
2.44	.2504472 00	.5141334- 02-
2.45	.2454232 00	.5024025- 02-
2.46	.2405133 00	.4909891- 02-
2.47	.2357147 00	.4798607- 02-
2.48	.2310243 00	.4690481- 02-
2.49	.2264396 00	.4584683- 02-
2.50	.2219578 00	.4481809- 02-

x	$ih_3^{(1)}(ix)$	Diff.
2.50	.2219578 00	.4481809- 02-
2.51	.2175763 00	.4381552- 02-
2.52	.2132924 00	.4283856- 02-
2.53	.2091037 00	.4188731- 02-
2.54	.2050080 00	.4095692- 02-
2.55	.2010029 00	.4005148- 02-
2.56	.1970860 00	.3916934- 02-
2.57	.1932549 00	.3831047- 02-
2.58	.1895081 00	.3746874- 02-
2.59	.1858430 00	.3665104- 02-
2.60	.1822577 00	.3585299- 02-
2.61	.1787503 00	.3507385- 02-
2.62	.1753188 00	.3431575- 02-
2.63	.1719614 00	.3357367- 02-
2.64	.1686764 00	.3285069- 02-
2.65	.1654619 00	.3214493- 02-
2.66	.1623161 00	.3145761- 02-
2.67	.1592375 00	.3078660- 02-
2.68	.1562245 00	.3013029- 02-
2.69	.1532755 00	.2949010- 02-
2.70	.1503888 00	.2886667- 02-
2.71	.1475632 00	.2825693- 02-
2.72	.1447970 00	.2766210- 02-
2.73	.1420889 00	.2708030- 02-
2.74	.1394376 00	.2651350- 02-
2.75	.1368417 00	.2595974- 02-
2.76	.1342998 00	.2541910- 02-
2.77	.1318107 00	.2489049- 02-
2.78	.1293733 00	.2437481- 02-
2.79	.1269861 00	.2387125- 02-
2.80	.1246483 00	.2337886- 02-
2.81	.1223584 00	.2289848- 02-
2.82	.1201156 00	.2242882- 02-
2.83	.1179186 00	.2196977- 02-
2.84	.1157665 00	.2152106- 02-
2.85	.1136581 00	.2108464- 02-
2.86	.1115926 00	.2065492- 02-
2.87	.1095689 00	.2023713- 02-
2.88	.1075861 00	.1982828- 02-
2.89	.1056432 00	.1942884- 02-
2.90	.1037394 00	.1903843- 02-
2.91	.1018738 00	.1865640- 02-
2.92	.1000454 00	.1828331- 02-
2.93	.9825362 01-	.1791842- 02-
2.94	.9649744 01-	.1756181- 02-
2.95	.9477611 01-	.1721330- 02-
2.96	.9308891 01-	.1687200- 02-
2.97	.9143510 01-	.1653815- 02-
2.98	.8981386 01-	.1621236- 02-
2.99	.8822449 01-	.1589372- 02-
3.00	.8666635 01-	.1558151- 02-

x	$ih_3^{(1)}(ix)$		Diff.	
3.00	.8666635	01-	.1558151-	02-
3.01	.8513871	01-	.1527638-	02-
3.02	.8364093	01-	.1497777-	02-
3.03	.8217235	01-	.1468583-	02-
3.04	.8073224	01-	.1440109-	02-
3.05	.7932016	01-	.1412088-	02-
3.06	.7793539	01-	.1384766-	02-
3.07	.7657735	01-	.1358040-	02-
3.08	.7524546	01-	.1331897-	02-
3.09	.7393923	01-	.1306230-	02-
3.10	.7265804	01-	.1281186-	02-
3.11	.7140139	01-	.1256652-	02-
3.12	.7016874	01-	.1232655-	02-
3.13	.6895952	01-	.1209225-	02-
3.14	.6777337	01-	.1186152-	02-
3.15	.6660971	01-	.1163657-	02-
3.16	.6546810	01-	.1141615-	02-
3.17	.6434804	01-	.1120062-	02-
3.18	.6324907	01-	.1098968-	02-
3.19	.6217083	01-	.1078243-	02-
3.20	.6111283	01-	.1058002-	02-
3.21	.6007463	01-	.1038195-	02-
3.22	.5905583	01-	.1018806-	02-
3.23	.5805608	01-	.9997501-	03-
3.24	.5707493	01-	.9811535-	03-
3.25	.5611203	01-	.9628968-	03-
3.26	.5516697	01-	.9450629-	03-
3.27	.5423937	01-	.9276043-	03-
3.28	.5332893	01-	.9104391-	03-
3.29	.5243530	01-	.8936362-	03-
3.30	.5155808	01-	.8772142-	03-
3.31	.5069699	01-	.8610986-	03-
3.32	.4985161	01-	.8453732-	03-
3.33	.4902175	01-	.8298658-	03-
3.34	.4820701	01-	.8147373-	03-
3.35	.4740715	01-	.7998660-	03-
3.36	.4662177	01-	.7853820-	03-
3.37	.4585068	01-	.7710881-	03-
3.38	.4509355	01-	.7571360-	03-
3.39	.4435012	01-	.7434260-	03-
3.40	.4362008	01-	.7300457-	03-
3.41	.4290317	01-	.7169140-	03-
3.42	.4219917	01-	.703975-	03-
3.43	.4150782	01-	.6913557-	03-
3.44	.4082883	01-	.6789877-	03-
3.45	.4016194	01-	.6668880-	03-
3.46	.3950700	01-	.6549494-	03-
3.47	.3886369	01-	.6433023-	03-
3.48	.3823184	01-	.6318526-	03-
3.49	.3761120	01-	.6206404-	03-
3.50	.3700151	01-	.6096918-	03-

x	$ih_3^{(1)}(ix)$		Diff.	
3.50	.3700151	01-	.6096918-	03-
3.51	.3640266	01-	.5988549-	03-
3.52	.3581434	01-	.5883179-	03-
3.53	.3523639	01-	.5779514-	03-
3.54	.3466861	01-	.5677897-	03-
3.55	.3411076	01-	.5578469-	03-
3.56	.3356273	01-	.5480308-	03-
3.57	.3302428	01-	.5384577-	03-
3.58	.3249523	01-	.5290467-	03-
3.59	.3197538	01-	.5198545-	03-
3.60	.3146459	01-	.5107900-	03-
3.61	.3096268	01-	.5019079-	03-
3.62	.3046947	01-	.4932122-	03-
3.63	.2998480	01-	.4846766-	03-
3.64	.2950848	01-	.4763142-	03-
3.65	.2904042	01-	.4680646-	03-
3.66	.2858040	01-	.4600180-	03-
3.67	.2812830	01-	.4521027-	03-
3.68	.2768396	01-	.4443420-	03-
3.69	.2724721	01-	.4367545-	03-
3.70	.2681797	01-	.4292443-	03-
3.71	.2639605	01-	.4219129-	03-
3.72	.2598132	01-	.4147371-	03-
3.73	.2557365	01-	.4076730-	03-
3.74	.2517291	01-	.4007356-	03-
3.75	.2477899	01-	.3939285-	03-
3.76	.2439173	01-	.3872528-	03-
3.77	.2401103	01-	.3807019-	03-
3.78	.2363676	01-	.3742777-	03-
3.79	.2326879	01-	.3679707-	03-
3.80	.2290702	01-	.3617653-	03-
3.81	.2255135	01-	.3556744-	03-
3.82	.2220163	01-	.3497261-	03-
3.83	.2185779	01-	.3438364-	03-
3.84	.2151968	01-	.3381088-	03-
3.85	.2118725	01-	.3324408-	03-
3.86	.2086035	01-	.3268966-	03-
3.87	.2053889	01-	.3214614-	03-
3.88	.2022279	01-	.3161026-	03-
3.89	.1991193	01-	.3108574-	03-
3.90	.1960623	01-	.3057025-	03-
3.91	.1930560	01-	.3006287-	03-
3.92	.1900992	01-	.2956824-	03-
3.93	.1871914	01-	.2907827-	03-
3.94	.1843315	01-	.2859911-	03-
3.95	.1815187	01-	.2812814-	03-
3.96	.1787520	01-	.2766741-	03-
3.97	.1760309	01-	.2721143-	03-
3.98	.1733543	01-	.2676626-	03-
3.99	.1707216	01-	.2632686-	03-
4.00	.1681318	01-	.2589781-	03-

x	$ih_3^{(1)}(ix)$	Diff.
4.00	.1681518	01- .2589781- 03-
4.01	.1655843	01- .2547517- 03-
4.02	.1630784	01- .2505971- 03-
4.03	.1606132	01- .2465207- 03-
4.04	.1581831	01- .2425085- 03-
4.05	.1558024	01- .2385756- 03-
4.06	.1534552	01- .2347180- 03-
4.07	.1511462	01- .2309043- 03-
4.08	.1488744	01- .2271780- 03-
4.09	.1466393	01- .2235133- 03-
4.10	.1444401	01- .2199184- 03-
4.11	.1422765	01- .2163663- 03-
4.12	.1401476	01- .2128915- 03-
4.13	.1380528	01- .2094764- 03-
4.14	.1359917	01- .2061143- 03-
4.15	.1339635	01- .2028239- 03-
4.16	.1319678	01- .1995699- 03-
4.17	.1300039	01- .1963866- 03-
4.18	.1280714	01- .1932518- 03-
4.19	.1261696	01- .1901821- 03-
4.20	.1242980	01- .1871600- 03-
4.21	.1224563	01- .1841733- 03-
4.22	.1206437	01- .1812657- 03-
4.23	.1188598	01- .1783860- 03-
4.24	.1171042	01- .1755669- 03-
4.25	.1153763	01- .1727888- 03-
4.26	.1136757	01- .1700656- 03-
4.27	.1120019	01- .1673778- 03-
4.28	.1103544	01- .1647543- 03-
4.29	.1087328	01- .1621559- 03-
4.30	.1071367	01- .1596106- 03-
4.31	.1055656	01- .1571137- 03-
4.32	.1040192	01- .1546457- 03-
4.33	.1024969	01- .1522317- 03-
4.34	.1009984	01- .1498475- 03-
4.35	.9952331	02- .1475099- 03-
4.36	.9807122	02- .1452096- 03-
4.37	.9664176	02- .1429458- 03-
4.38	.9523443	02- .1407332- 03-
4.39	.9384904	02- .1385392- 03-
4.40	.9248514	02- .1363904- 03-
4.41	.9114236	02- .1342775- 03-
4.42	.8982038	02- .1321985- 03-
4.43	.8851879	02- .1301594- 03-
4.44	.8723730	02- .1281489- 03-
4.45	.8597562	02- .1261683- 03-
4.46	.8473333	02- .1242287- 03-
4.47	.8351015	02- .1223178- 03-
4.48	.8230578	02- .1204379- 03-
4.49	.8111993	02- .1185847- 03-
4.50	.7995225	02- .1167686- 03-

x	$ih_3^{(1)}(ix)$	Diff.
4.50	.7995225	02- .1167686- 03-
4.51	.7880243	02- .1149817- 03-
4.52	.7767018	02- .1132251- 03-
4.53	.7655529	02- .1114894- 03-
4.54	.7545738	02- .1097913- 03-
4.55	.7437621	02- .1081170- 03-
4.56	.7331153	02- .1064684- 03-
4.57	.7226298	02- .1048542- 03-
4.58	.7123041	02- .1032575- 03-
4.59	.7021356	02- .1016850- 03-
4.60	.6921207	02- .1001491- 03-
4.61	.6822575	02- .9863270- 04-
4.62	.6725436	02- .9713849- 04-
4.63	.6629766	02- .9567035- 04-
4.64	.6535541	02- .9422559- 04-
4.65	.6442736	02- .9280514- 04-
4.66	.6351325	02- .9141104- 04-
4.67	.6261293	02- .9003175- 04-
4.68	.6172615	02- .8867872- 04-
4.69	.6085268	02- .8734656- 04-
4.70	.5999228	02- .8604010- 04-
4.71	.5914481	02- .8474780- 04-
4.72	.5831003	02- .8347822- 04-
4.73	.5748772	02- .8223071- 04-
4.74	.5667769	02- .8100286- 04-
4.75	.5587974	02- .7979586- 04-
4.76	.5509369	02- .7860498- 04-
4.77	.5431935	02- .7743375- 04-
4.78	.5355654	02- .7628152- 04-
4.79	.5280506	02- .7514791- 04-
4.80	.5206471	02- .7403507- 04-
4.81	.5133537	02- .7293416- 04-
4.82	.5061684	02- .7185354- 04-
4.83	.4990894	02- .7079026- 04-
4.84	.4921148	02- .6974587- 04-
4.85	.4852435	02- .6871303- 04-
4.86	.4784736	02- .6769910- 04-
4.87	.4718035	02- .6670072- 04-
4.88	.4652317	02- .6571836- 04-
4.89	.4587563	02- .6475463- 04-
4.90	.4523764	02- .6379918- 04-
4.91	.4460902	02- .6286218- 04-
4.92	.4398961	02- .6194074- 04-
4.93	.4337929	02- .6103232- 04-
4.94	.4277788	02- .6014123- 04-
4.95	.4218529	02- .5925843- 04-
4.96	.4160137	02- .5839249- 04-
4.97	.4102597	02- .5754005- 04-
4.98	.4045895	02- .5670270- 04-
4.99	.3990021	02- .5587410- 04-
5.00	.3934960	02- .5506049- 04-

x	$ih_3^{(1)}(ix)$	Diff.
5.00	.3934960	02- .5506049- 04-
5.01	.3880701	02- .5425946- 04-
5.02	.3827230	02- .5347092- 04-
5.03	.3774534	02- .5269661- 04-
5.04	.3722605	02- .5192948- 04-
5.05	.3671427	02- .5117725- 04-
5.06	.3620991	02- .5043648- 04-
5.07	.3571283	02- .4970856- 04-
5.08	.3522295	02- .4898743- 04-
5.09	.3474015	02- .4828056- 04-
5.10	.3426432	02- .4758309- 04-
5.11	.3379534	02- .4689829- 04-
5.12	.3333310	02- .4622355- 04-
5.13	.3287753	02- .4555718- 04-
5.14	.3242851	02- .4490209- 04-
5.15	.3198594	02- .4425715- 04-
5.16	.3154973	02- .4362180- 04-
5.17	.3111975	02- .4299772- 04-
5.18	.3069595	02- .4238026- 04-
5.19	.3027822	02- .4177350- 04-
5.20	.2986646	02- .4117559- 04-
5.21	.2946057	02- .4058914- 04-
5.22	.2906049	02- .4000799- 04-
5.23	.2866612	02- .3943756- 04-
5.24	.2827737	02- .3887485- 04-
5.25	.2789416	02- .3832118- 04-
5.26	.2751639	02- .3777757- 04-
5.27	.2714400	02- .3723871- 04-
5.28	.2677691	02- .3670953- 04-
5.29	.2641502	02- .3618910- 04-
5.30	.2605827	02- .3567529- 04-
5.31	.2570655	02- .3517163- 04-
5.32	.2535984	02- .3467161- 04-
5.33	.2501803	02- .3418099- 04-
5.34	.2468104	02- .3369884- 04-
5.35	.2434881	02- .3322312- 04-
5.36	.2402128	02- .3275355- 04-
5.37	.2369837	02- .3229096- 04-
5.38	.2338001	02- .3183619- 04-
5.39	.2306613	02- .3138851- 04-
5.40	.2275665	02- .3094743- 04-
5.41	.2245154	02- .3051176- 04-
5.42	.2215071	02- .3008261- 04-
5.43	.2185411	02- .2966062- 04-
5.44	.2156166	02- .2924516- 04-
5.45	.2127330	02- .2883566- 04-
5.46	.2098899	02- .2843156- 04-
5.47	.2070866	02- .2803286- 04-
5.48	.2043225	02- .2764180- 04-
5.49	.2015969	02- .2725614- 04-
5.50	.1989094	02- .2687467- 04-

x	$ih_3^{(1)}(ix)$	Diff.
5.50	.1989094	02- .2687467- 04-
5.51	.1962594	02- .2649981- 04-
5.52	.1936464	02- .2613082- 04-
5.53	.1910697	02- .2576658- 04-
5.54	.1885288	02- .2540905- 04-
5.55	.1860234	02- .2505496- 04-
5.56	.1835527	02- .2470627- 04-
5.57	.1811164	02- .2436354- 04-
5.58	.1787137	02- .2402678- 04-
5.59	.1763445	02- .2369244- 04-
5.60	.1740081	02- .2336395- 04-
5.61	.1717041	02- .2304088- 04-
5.62	.1694319	02- .2272143- 04-
5.63	.1671910	02- .2240916- 04-
5.64	.1649812	02- .2209792- 04-
5.65	.1628019	02- .2179337- 04-
5.66	.1606526	02- .2149302- 04-
5.67	.1585330	02- .2119612- 04-
5.68	.1564425	02- .2090536- 04-
5.69	.1543809	02- .2061674- 04-
5.70	.1523476	02- .2033306- 04-
5.71	.1503422	02- .2005357- 04-
5.72	.1483644	02- .1977873- 04-
5.73	.1464137	02- .1950697- 04-
5.74	.1444898	02- .1923931- 04-
5.75	.1425923	02- .1897528- 04-
5.76	.1407207	02- .1871545- 04-
5.77	.1388747	02- .1846026- 04-
5.78	.1370540	02- .1820704- 04-
5.79	.1352582	02- .1795837- 04-
5.80	.1334869	02- .1771287- 04-
5.81	.1317399	02- .1747082- 04-
5.82	.1300165	02- .1723371- 04-
5.83	.1283168	02- .1699753- 04-
5.84	.1266401	02- .1676638- 04-
5.85	.1249863	02- .1653866- 04-
5.86	.1233550	02- .1631328- 04-
5.87	.1217458	02- .1609163- 04-
5.88	.1201586	02- .1587286- 04-
5.89	.1185929	02- .1565707- 04-
5.90	.1170484	02- .1544492- 04-
5.91	.1155248	02- .1523630- 04-
5.92	.1140219	02- .1502890- 04-
5.93	.1125394	02- .1482559- 04-
5.94	.1110768	02- .1462535- 04-
5.95	.1096341	02- .1442745- 04-
5.96	.1082109	02- .1423187- 04-
5.97	.1068069	02- .1404067- 04-
5.98	.1054218	02- .1385049- 04-
5.99	.1040555	02- .1366330- 04-
6.00	.1027075	02- .1348029- 04-

x	$ih_3^{(1)}(ix)$	Diff.
6.00	.1027075	02- .1348029- 04-
6.01	.1013777	02- .1329794- 04-
6.02	.1000658	02- .1311913- 04-
6.03	.9877160	03- .1294246- 04-
6.04	.9749476	03- .1276840- 04-
6.05	.9623505	03- .1259716- 04-
6.06	.9499227	03- .1242776- 04-
6.07	.9376620	03- .1226075- 04-
6.08	.9255657	03- .1209629- 04-
6.09	.9136308	03- .1193495- 04-
6.10	.9018564	03- .1177444- 04-
6.11	.8902394	03- .1161702- 04-
6.12	.8787781	03- .1146127- 04-
6.13	.8674700	03- .1130814- 04-
6.14	.8563125	03- .1115747- 04-
6.15	.8453042	03- .1100833- 04-
6.16	.8344430	03- .1086117- 04-
6.17	.8237269	03- .1071616- 04-
6.18	.8131534	03- .1057346- 04-
6.19	.8027202	03- .1043321- 04-
6.20	.7924266	03- .1029368- 04-
6.21	.7822699	03- .1015670- 04-
6.22	.7722481	03- .1002176- 04-
6.23	.7623593	03- .9888844- 05-
6.24	.7526022	03- .9757174- 05-
6.25	.7429744	03- .9627776- 05-
6.26	.7334745	03- .9499924- 05-
6.27	.7241006	03- .9373916- 05-
6.28	.7148504	03- .9250236- 05-
6.29	.7057232	03- .9127218- 05-
6.30	.6967169	03- .9006276- 05-
6.31	.6878296	03- .8887300- 05-
6.32	.6790594	03- .8770242- 05-
6.33	.6704055	03- .8653901- 05-
6.34	.6618657	03- .8539805- 05-
6.35	.6534388	03- .8426919- 05-
6.36	.6451230	03- .8315822- 05-
6.37	.6369165	03- .8206559- 05-
6.38	.6288187	03- .8097780- 05-
6.39	.6208271	03- .7991563- 05-
6.40	.6129408	03- .7886305- 05-
6.41	.6051584	03- .7782416- 05-
6.42	.5974780	03- .7680436- 05-
6.43	.5898987	03- .7579341- 05-
6.44	.5824191	03- .7479615- 05-
6.45	.5750374	03- .7381696- 05-
6.46	.5677523	03- .7285137- 05-
6.47	.5605633	03- .7188987- 05-
6.48	.5534682	03- .7095109- 05-
6.49	.5464661	03- .7002191- 05-
6.50	.5395556	03- .6910456- 05-

x	$ih_3^{(1)}(ix)$	Diff.
6.50	.5395556	03- .6910456- 05-
6.51	.5327352	03- .6820397- 05-
6.52	.5260046	03- .6730692- 05-
6.53	.5193615	03- .6643073- 05-
6.54	.5128054	03- .6556106- 05-
6.55	.5063349	03- .6470518- 05-
6.56	.4999485	03- .6386410- 05-
6.57	.4936457	03- .6302852- 05-
6.58	.4874249	03- .6220765- 05-
6.59	.4812852	03- .6139712- 05-
6.60	.4752254	03- .6059842- 05-
6.61	.4692446	03- .5980800- 05-
6.62	.4633414	03- .5903258- 05-
6.63	.4575151	03- .5826257- 05-
6.64	.4517645	03- .5750605- 05-
6.65	.4460883	03- .5676230- 05-
6.66	.4404860	03- .5602367- 05-
6.67	.4349565	03- .5529482- 05-
6.68	.4294986	03- .5457891- 05-
6.69	.4241113	03- .5387325- 05-
6.70	.4187939	03- .5317466- 05-
6.71	.4135454	03- .5248501- 05-
6.72	.4083647	03- .5180664- 05-
6.73	.4032512	03- .5113562- 05-
6.74	.3982034	03- .5047811- 05-
6.75	.3932210	03- .4982367- 05-
6.76	.3883031	03- .4917938- 05-
6.77	.3834487	03- .4854394- 05-
6.78	.3786569	03- .4791809- 05-
6.79	.3739266	03- .4730360- 05-
6.80	.3692576	03- .4668967- 05-
6.81	.3646487	03- .4608943- 05-
6.82	.3600993	03- .4549395- 05-
6.83	.3556080	03- .4491345- 05-
6.84	.3511748	03- .4433316- 05-
6.85	.3467985	03- .4376308- 05-
6.86	.3424786	03- .4319917- 05-
6.87	.3382141	03- .4264550- 05-
6.88	.3340043	03- .4209769- 05-
6.89	.3298485	03- .4155893- 05-
6.90	.3257462	03- .4102304- 05-
6.91	.3216965	03- .4049675- 05-
6.92	.3176986	03- .3997931- 05-
6.93	.3137518	03- .3946857- 05-
6.94	.3098556	03- .3896137- 05-
6.95	.3060094	03- .3846302- 05-
6.96	.3022124	03- .3797007- 05-
6.97	.2984636	03- .3748783- 05-
6.98	.2947630	03- .3700634- 05-
6.99	.2911096	03- .3653360- 05-
7.00	.2875029	03- .3606691- 05-

x	$ih_3^{(1)}(ix)$	Diff.
7.00	.2875029	03- .3606691- 05-
7.01	.2839423	03- .3560675- 05-
7.02	.2804269	03- .3515441- 05-
7.03	.2769565	03- .3470374- 05-
7.04	.2735302	03- .3426266- 05-
7.05	.2701477	03- .3382522- 05-
7.06	.2668082	03- .3339542- 05-
7.07	.2635111	03- .3297101- 05-
7.08	.2602562	03- .3254969- 05-
7.09	.2570425	03- .3213720- 05-
7.10	.2538697	03- .3172770- 05-
7.11	.2507371	03- .3132592- 05-
7.12	.2476444	03- .3092722- 05-
7.13	.2445910	03- .3053439- 05-
7.14	.2415763	03- .3014762- 05-
7.15	.2385999	03- .2976372- 05-
7.16	.2356610	03- .2938877- 05-
7.17	.2327595	03- .2901513- 05-
7.18	.2298948	03- .2864735- 05-
7.19	.2270663	03- .2828488- 05-
7.20	.2242736	03- .2792790- 05-
7.21	.2215162	03- .2757391- 05-
7.22	.2187938	03- .2722456- 05-
7.23	.2161057	03- .2688063- 05-
7.24	.2134516	03- .2654144- 05-
7.25	.2108309	03- .2620719- 05-
7.26	.2082434	03- .2587508- 05-
7.27	.2056885	03- .2554912- 05-
7.28	.2031659	03- .2522595- 05-
7.29	.2006751	03- .2490837- 05-
7.30	.1982155	03- .2459600- 05-
7.31	.1957871	03- .2428429- 05-
7.32	.1933892	03- .2397909- 05-
7.33	.1910215	03- .2367688- 05-
7.34	.1886835	03- .2338063- 05-
7.35	.1863750	03- .2308502- 05-
7.36	.1840955	03- .2279482- 05-
7.37	.1818447	03- .2250863- 05-
7.38	.1796221	03- .2222607- 05-
7.39	.1774272	03- .2194844- 05-
7.40	.1752602	03- .2167053- 05-
7.41	.1731202	03- .2140008- 05-
7.42	.1710071	03- .2113111- 05-
7.43	.1689205	03- .2086596- 05-
7.44	.1668599	03- .2060612- 05-
7.45	.1648253	03- .2034675- 05-
7.46	.1628160	03- .2009231- 05-
7.47	.1608320	03- .1984011- 05-
7.48	.1588727	03- .1959340- 05-
7.49	.1569380	03- .1934716- 05-
7.50	.1550274	03- .1910586- 05-

x	$ih_3^{(1)}(ix)$	Diff.
7.50	.1550274	03- .1910586- 05-
7.51	.1531408	03- .1886678- 05-
7.52	.1512777	03- .1863078- 05-
7.53	.1494378	03- .1839954- 05-
7.54	.1476209	03- .1816876- 05-
7.55	.1458267	03- .1794235- 05-
7.56	.1440548	03- .1771883- 05-
7.57	.1423050	03- .1749830- 05-
7.58	.1405771	03- .1727888- 05-
7.59	.1388707	03- .1706440- 05-
7.60	.1371855	03- .1685215- 05-
7.61	.1355214	03- .1664176- 05-
7.62	.1338778	03- .1643557- 05-
7.63	.1322547	03- .1623105- 05-
7.64	.1306519	03- .1602849- 05-
7.65	.1290689	03- .1582993- 05-
7.66	.1275057	03- .1563267- 05-
7.67	.1259617	03- .1543952- 05-
7.68	.1244370	03- .1524701- 05-
7.69	.1229312	03- .1505805- 05-
7.70	.1214442	03- .1487095- 05-
7.71	.1199754	03- .1468729- 05-
7.72	.1185250	03- .1450438- 05-
7.73	.1170926	03- .1432491- 05-
7.74	.1156778	03- .1414731- 05-
7.75	.1142806	03- .1397268- 05-
7.76	.1129006	03- .1379974- 05-
7.77	.1115378	03- .1362875- 05-
7.78	.1101918	03- .1346008- 05-
7.79	.1088625	03- .1329319- 05-
7.80	.1075495	03- .1312928- 05-
7.81	.1062528	03- .1296769- 05-
7.82	.1049721	03- .1280686- 05-
7.83	.1037073	03- .1264881- 05-
7.84	.1024580	03- .1249272- 05-
7.85	.1012241	03- .1233886- 05-
7.86	.1000055	03- .1218631- 05-
7.87	.9880190	04- .1203619- 05-
7.88	.9761313	04- .1188774- 05-
7.89	.9643903	04- .1174100- 05-
7.90	.9527933	04- .1159705- 05-
7.91	.9413396	04- .1145377- 05-
7.92	.9300267	04- .1131285- 05-
7.93	.9188532	04- .1117350- 05-
7.94	.9078169	04- .1103635- 05-
7.95	.8969160	04- .1090093- 05-
7.96	.8861495	04- .1076646- 05-
7.97	.8755153	04- .1063426- 05-
7.98	.8650115	04- .1050379- 05-
7.99	.8546367	04- .1037486- 05-
8.00	.8443893	04- .1024742- 05-

x	$ih_3^{(1)}(ix)$	Diff.	x	$ih_3^{(1)}(ix)$	Diff.
8.00	.8443893	04- .1024742- 05-	8.50	.4638883	04- .5554990- 06-
8.01	.8342679	04- .1012142- 05-	8.51	.4584009	04- .5487451- 06-
8.02	.8242703	04- .9997557- 06-	8.52	.4529796	04- .5421355- 06-
8.03	.8143955	04- .9874837- 06-	8.53	.4476238	04- .5355790- 06-
8.04	.8046411	04- .9754380- 06-	8.54	.4423326	04- .5291240- 06-
8.05	.7950069	04- .9634267- 06-	8.55	.4371049	04- .5227640- 06-
8.06	.7854906	04- .9516250- 06-	8.56	.4319406	04- .5164338- 06-
8.07	.7760910	04- .9399667- 06-	8.57	.4268385	04- .5102172- 06-
8.08	.7668058	04- .9285170- 06-	8.58	.4217978	04- .5040658- 06-
8.09	.7576348	04- .9171083- 06-	8.59	.4168177	04- .4980103- 06-
8.10	.7485758	04- .9058971- 06-	8.60	.4118979	04- .4919847- 06-
8.11	.7396277	04- .8948162- 06-	8.61	.4070373	04- .4860652- 06-
8.12	.7307891	04- .8838545- 06-	8.62	.4022352	04- .4802119- 06-
8.13	.7220580	04- .8731145- 06-	8.63	.3974909	04- .4744312- 06-
8.14	.7134339	04- .8624089- 06-	8.64	.3928034	04- .4687436- 06-
8.15	.7049152	04- .8518710- 06-	8.65	.3881725	04- .4630942- 06-
8.16	.6965005	04- .8414700- 06-	8.66	.3835974	04- .4575146- 06-
8.17	.6881886	04- .8312003- 06-	8.67	.3790772	04- .4520198- 06-
8.18	.6799775	04- .8211029- 06-	8.68	.3746113	04- .4465948- 06-
8.19	.6718671	04- .8110418- 06-	8.69	.3701988	04- .4412425- 06-
8.20	.6638556	04- .8011531- 06-	8.70	.3658396	04- .4359266- 06-
8.21	.6559416	04- .7914021- 06-	8.71	.3615329	04- .4306748- 06-
8.22	.6481239	04- .7817760- 06-	8.72	.3572777	04- .4255190- 06-
8.23	.6404016	04- .7722271- 06-	8.73	.3530735	04- .4204228- 06-
8.24	.6327733	04- .7628338- 06-	8.74	.3489197	04- .4153741- 06-
8.25	.6252381	04- .7535178- 06-	8.75	.3448159	04- .4103915- 06-
8.26	.6177944	04- .7443740- 06-	8.76	.3407613	04- .4054555- 06-
8.27	.6104410	04- .7353374- 06-	8.77	.3367552	04- .4006108- 06-
8.28	.6031774	04- .7263679- 06-	8.78	.3327971	04- .3958117- 06-
8.29	.5959020	04- .7175398- 06-	8.79	.3288866	04- .3910554- 06-
8.30	.5889141	04- .7087901- 06-	8.80	.3250228	04- .3863764- 06-
8.31	.5819121	04- .7002015- 06-	8.81	.3212053	04- .3817515- 06-
8.32	.5749946	04- .6917487- 06-	8.82	.3174334	04- .3771917- 06-
8.33	.5681618	04- .6832793- 06-	8.83	.3137069	04- .3726553- 06-
8.34	.5614119	04- .6749942- 06-	8.84	.3100248	04- .3682091- 06-
8.35	.5547439	04- .6668051- 06-	8.85	.3063867	04- .3638105- 06-
8.36	.5481562	04- .6587697- 06-	8.86	.3027923	04- .3594472- 06-
8.37	.5416489	04- .6507286- 06-	8.87	.2992406	04- .3551678- 06-
8.38	.5352207	04- .6428264- 06-	8.88	.2957315	04- .3509061- 06-
8.39	.5288700	04- .6350647- 06-	8.89	.2922644	04- .3467152- 06-
8.40	.5225965	04- .6273524- 06-	8.90	.2888387	04- .3425736- 06-
8.41	.5163988	04- .6197761- 06-	8.91	.2854539	04- .3384841- 06-
8.42	.5102763	04- .6122548- 06-	8.92	.2821094	04- .3344431- 06-
8.43	.5042279	04- .6048331- 06-	8.93	.2788048	04- .3304617- 06-
8.44	.4982527	04- .5975203- 06-	8.94	.2755397	04- .3265157- 06-
8.45	.4923496	04- .5903203- 06-	8.95	.2723137	04- .3225995- 06-
8.46	.4865181	04- .5831435- 06-	8.96	.2691259	04- .3187848- 06-
8.47	.4807572	04- .5760915- 06-	8.97	.2659763	04- .3149589- 06-
8.48	.4750559	04- .5691308- 06-	8.98	.2628644	04- .3111973- 06-
8.49	.4694143	04- .5622641- 06-	8.99	.2597893	04- .3075074- 06-
8.50	.4638383	04- .5554990- 06-	9.00	.2567511	04- .3038240- 06-

x	$ih_3^{(1)}(ix)$	Diff.
9.00	.2567511 04-	.3038240- 06-
9.01	.2537487 04-	.3002366- 06-
9.02	.2507323 04-	.2966416- 06-
9.03	.2478513 04-	.2931017- 06-
9.04	.2449551 04-	.2896260- 06-
9.05	.2420934 04-	.2861689- 06-
9.06	.2392655 04-	.2827901- 06-
9.07	.2364715 04-	.2793982- 06-
9.08	.2337106 04-	.2760957- 06-
9.09	.2309827 04-	.2727942- 06-
9.10	.2282868 04-	.2695877- 06-
9.11	.2256234 04-	.2663448- 06-
9.12	.2229913 04-	.2632034- 06-
9.13	.2203908 04-	.2600565- 06-
9.14	.2178209 04-	.2569869- 06-
9.15	.2152815 04-	.2539415- 06-
9.16	.2127723 04-	.2509249- 06-
9.17	.2102929 04-	.2479391- 06-
9.18	.2078429 04-	.2450063- 06-
9.19	.2054220 04-	.2420913- 06-
9.20	.2030296 04-	.2392424- 06-
9.21	.2006656 04-	.2364000- 06-
9.22	.1983299 04-	.2335734- 06-
9.23	.1960216 04-	.2308325- 06-
9.24	.1937406 04-	.2280963- 06-
9.25	.1914867 04-	.2253909- 06-
9.26	.1892595 04-	.2227263- 06-
9.27	.1870586 04-	.2200851- 06-
9.28	.1848838 04-	.2174811- 06-
9.29	.1827347 04-	.2149181- 06-
9.30	.1806110 04-	.2123672- 06-
9.31	.1785125 04-	.2098573- 06-
9.32	.1764386 04-	.2073837- 06-
9.33	.1743892 04-	.2049399- 06-
9.34	.1723642 04-	.2025027- 06-
9.35	.1703631 04-	.2001119- 06-
9.36	.1683856 04-	.1977519- 06-
9.37	.1664315 04-	.1954153- 06-
9.38	.1645003 04-	.1931205- 06-
9.39	.1625920 04-	.1908313- 06-
9.40	.1607062 04-	.1885784- 06-
9.41	.1588426 04-	.1863619- 06-
9.42	.1570011 04-	.1841556- 06-
9.43	.1551812 04-	.1819921- 06-
9.44	.1533827 04-	.1798473- 06-
9.45	.1516055 04-	.1777239- 06-
9.46	.1498492 04-	.1756331- 06-
9.47	.1481135 04-	.1735637- 06-
9.48	.1463984 04-	.1715204- 06-
9.49	.1447034 04-	.1694993- 06-
9.50	.1430284 04-	.1675017- 06-

x	$ih_3^{(1)}(ix)$	Diff.
9.50	.1430284 04-	.1675017- 06-
9.51	.1413731 04-	.1655301- 06-
9.52	.1397371 04-	.1635985- 06-
9.53	.1381206 04-	.1616548- 06-
9.54	.1365229 04-	.1597661- 06-
9.55	.1349441 04-	.1578820- 06-
9.56	.1333839 04-	.1560222- 06-
9.57	.1318419 04-	.1542052- 06-
9.58	.1303181 04-	.1523807- 06-
9.59	.1288123 04-	.1505861- 06-
9.60	.1273240 04-	.1488287- 06-
9.61	.1258532 04-	.1470815- 06-
9.62	.1243997 04-	.1453539- 06-
9.63	.1229632 04-	.1436421- 06-
9.64	.1215437 04-	.1419564- 06-
9.65	.1201408 04-	.1402922- 06-
9.66	.1187543 04-	.1386539- 06-
9.67	.1173840 04-	.1370270- 06-
9.68	.1160299 04-	.1354111- 06-
9.69	.1146916 04-	.1338316- 06-
9.70	.1133689 04-	.1322707- 06-
9.71	.1120619 04-	.1307079- 06-
9.72	.1107700 04-	.1291824- 06-
9.73	.1094934 04-	.1276690- 06-
9.74	.1082317 04-	.1261724- 06-
9.75	.1069846 04-	.1247064- 06-
9.76	.1057523 04-	.1232340- 06-
9.77	.1045344 04-	.1217914- 06-
9.78	.1033306 04-	.1203796- 06-
9.79	.1021410 04-	.1189602- 06-
9.80	.1009653 04-	.1175772- 06-
9.81	.9980330 05-	.1161970- 06-
9.82	.9865490 05-	.1148404- 06-
9.83	.9751994 05-	.1134963- 06-
9.84	.9639817 05-	.1121773- 06-
9.85	.9528958 05-	.1108595- 06-
9.86	.9419390 05-	.1095677- 06-
9.87	.9311103 05-	.1082875- 06-
9.88	.9204080 05-	.1070232- 06-
9.89	.9098299 05-	.1057805- 06-
9.90	.8993759 05-	.1045401- 06-
9.91	.8890438 05-	.1033213- 06-
9.92	.8788323 05-	.1021148- 06-
9.93	.8687398 05-	.1009250- 06-
9.94	.8587644 05-	.9975448- 07-
9.95	.8489059 05-	.9858567- 07-
9.96	.8391620 05-	.9743884- 07-
9.97	.8295318 05-	.9630160- 07-
9.98	.8200133 05-	.9518578- 07-
9.99	.8106061 05-	.9407173- 07-
10.00	.8013088 05-	.9297309- 07-

x	$-h_4^{(1)}(ix)$		Diff.
.00	∞		-
.01	.1049992	13	$-\infty$
.02	.3281156	11	.1017181- 13
.03	.4320710	10	.2849085- 11
.04	.1025273	10	.3295437- 10
.05	.3359400	09	.6893334- 09
.06	.1349961	09	.2009439- 09
.07	.6245210	08	.7254403- 08
.08	.3202881	08	.3042329- 08
.09	.1777155	08	.1425726- 08
.10	.1049250	08	.7279052- 07
.11	.6514042	07	.3978462- 07
.12	.4215377	07	.2298665- 07
.13	.2824544	07	.1390833- 07
.14	.1949580	07	.8749635- 06
.15	.1380496	07	.5690844- 06
.16	.9995293	06	.3809670- 06
.17	.7379867	06	.2615426- 06
.18	.5543986	06	.1835881- 06
.19	.4229625	06	.1314361- 06
.20	.3271893	06	.9577323- 05
.21	.2562864	06	.7090290- 05
.22	.2030371	06	.5324938- 05
.23	.1625213	06	.4051580- 05
.24	.1313251	06	.3119625- 05
.25	.1070415	06	.2428360- 05
.26	.8794833	05	.1909317- 05
.27	.7279664	05	.1515169- 05
.28	.6066941	05	.1212723- 05
.29	.5088543	05	.9783978- 04
.30	.4293334	05	.7952095- 04
.31	.3642535	05	.6507994- 04
.32	.3106472	05	.5360629- 04
.33	.2662236	05	.4442359- 04
.34	.2291999	05	.3702368- 04
.35	.1981781	05	.3102190- 04
.36	.1720536	05	.2612443- 04
.37	.1499485	05	.2210517- 04
.38	.1311598	05	.1878865- 04
.39	.1151219	05	.1603796- 04
.40	.1013765	05	.1374544- 04
.41	.8955045	04	.1182604- 04
.42	.7933856	04	.1021189- 04
.43	.7048978	04	.8848788- 03
.44	.6279667	04	.7693108- 03
.45	.5608708	04	.6709588- 03
.46	.5021756	04	.5869522- 03
.47	.4506805	04	.5149515- 03
.48	.4053769	04	.4530366- 03
.49	.3654146	04	.3996230- 03
.50	.3300739	04	.3534068- 03

x	$-h_4^{(1)}(ix)$		Diff.
.50	.3300739	04	.3534068- 03
.51	.2987441	04	.3132983- 03
.52	.2709045	04	.2783955- 03
.53	.2461107	04	.2479388- 03
.54	.2239813	04	.2212943- 03
.55	.2041887	04	.1979256- 03
.56	.1864505	04	.1773818- 03
.57	.1705227	04	.1592786- 03
.58	.1561935	04	.1432921- 03
.59	.1432793	04	.1291425- 03
.60	.1316199	04	.1165934- 03
.61	.1210757	04	.1054420- 03
.62	.1115245	04	.9551240- 02
.63	.1028590	04	.8665515- 02
.64	.9498514	03	.7873900- 02
.65	.8781996	03	.7165183- 02
.66	.8129030	03	.6529660- 02
.67	.7533154	03	.5958755- 02
.68	.6988639	03	.5445154- 02
.69	.6490412	03	.4982271- 02
.70	.6033956	03	.4564567- 02
.71	.5615250	03	.4187055- 02
.72	.5230713	03	.3845378- 02
.73	.4877145	03	.3535683- 02
.74	.4551685	03	.3254600- 02
.75	.4251765	03	.2999199- 02
.76	.3975085	03	.2766802- 02
.77	.3719578	03	.2555068- 02
.78	.3483384	03	.2361948- 02
.79	.3264825	03	.2185584- 02
.80	.3062391	03	.2024343- 02
.81	.2874715	03	.1876761- 02
.82	.2700562	03	.1741536- 02
.83	.2538812	03	.1617505- 02
.84	.2388450	03	.1503618- 02
.85	.2248556	03	.1398940- 02
.86	.2118293	03	.1302631- 02
.87	.1996899	03	.1213946- 02
.88	.1883681	03	.1132180- 02
.89	.1778005	03	.1056755- 02
.90	.1679296	03	.9870963- 01
.91	.1587024	03	.9227177- 01
.92	.1500708	03	.8631596- 01
.93	.1419907	03	.8080197- 01
.94	.1344215	03	.7569153- 01
.95	.1273261	03	.7095407- 01
.96	.1206706	03	.6655590- 01
.97	.1144233	03	.6247243- 01
.98	.1085559	03	.5867496- 01
.99	.1030415	03	.5514338- 01
1.00	.9785589	02	.5185656- 01

x	$-h_4^{(1)}(ix)$	Diff.	
1.00	.9785589	02	.5185656- 01
1.01	.9297350	02	.4879386- 01
1.02	.8838255	02	.4593952- 01
1.03	.8405488	02	.4327680- 01
1.04	.7997575	02	.4079123- 01
1.05	.7612872	02	.3847040- 01
1.06	.7249859	02	.3630031- 01
1.07	.6907158	02	.3427102- 01
1.08	.6583438	02	.3237207- 01
1.09	.6277492	02	.3059461- 01
1.10	.5988210	02	.2892818- 01
1.11	.5714547	02	.2736635- 01
1.12	.5455534	02	.2590134- 01
1.13	.5210267	02	.2452673- 01
1.14	.4977908	02	.2323592- 01
1.15	.4757684	02	.2202238- 01
1.16	.4548863	02	.2088208- 01
1.17	.4350768	02	.1980956- 01
1.18	.4162768	02	.1880004- 01
1.19	.3984265	02	.1785029- 01
1.20	.3814718	02	.1695468- 01
1.21	.3653610	02	.1611085- 01
1.22	.3500454	02	.1531560- 01
1.23	.3354801	02	.1456530- 01
1.24	.3216231	02	.1385702- 01
1.25	.3084350	02	.1318814- 01
1.26	.2958784	02	.1255656- 01
1.27	.2839190	02	.1195939- 01
1.28	.2725237	02	.1139535- 01
1.29	.2616625	02	.1086123- 01
1.30	.2513065	02	.1035597- 01
1.31	.2414288	02	.9877752- 00
1.32	.2320038	02	.9424999- 00
1.33	.2230081	02	.8995734- 00
1.34	.2144191	02	.8588979- 00
1.35	.2062157	02	.8203402- 00
1.36	.1983781	02	.7837606- 00
1.37	.1908876	02	.7490596- 00
1.38	.1837265	02	.7161037- 00
1.39	.1768785	02	.6848104- 00
1.40	.1703275	02	.6550984- 00
1.41	.1640590	02	.6268458- 00
1.42	.1580590	02	.6000060- 00
1.43	.1523143	02	.5744710- 00
1.44	.1468126	02	.5501756- 00
1.45	.1415419	02	.5270676- 00
1.46	.1364911	02	.5050791- 00
1.47	.1316499	02	.4841225- 00
1.48	.1270083	02	.4641605- 00
1.49	.1225568	02	.4451532- 00
1.50	.1182866	02	.4270268- 00

x	$-h_4^{(1)}(ix)$	Diff.	
1.50	.1182866	02	.4270268- 00
1.51	.1141890	02	.4097592- 00
1.52	.1102563	02	.3932729- 00
1.53	.1064807	02	.3775615- 00
1.54	.1028551	02	.3625523- 00
1.55	.9937285	01	.3482313- 00
1.56	.9602717	01	.3345681- 00
1.57	.9281216	01	.3215016- 00
1.58	.8972191	01	.3090253- 00
1.59	.8675088	01	.2971025- 00
1.60	.8389379	01	.2857096- 00
1.61	.8114571	01	.2748079- 00
1.62	.7850186	01	.2643849- 00
1.63	.7595771	01	.2544154- 00
1.64	.7350895	01	.2448757- 00
1.65	.7115152	01	.2357431- 00
1.66	.6888155	01	.2269973- 00
1.67	.6669530	01	.2186258- 00
1.68	.6458927	01	.2106030- 00
1.69	.6256009	01	.2029176- 00
1.70	.6060453	01	.1955565- 00
1.71	.5871960	01	.1884932- 00
1.72	.5690234	01	.1817257- 00
1.73	.5515003	01	.1752318- 00
1.74	.5345992	01	.1690103- 00
1.75	.5182963	01	.1630296- 00
1.76	.5025665	01	.1572980- 00
1.77	.4873874	01	.1517916- 00
1.78	.4727365	01	.1465083- 00
1.79	.4585931	01	.1414349- 00
1.80	.4449370	01	.1365609- 00
1.81	.4317495	01	.1318754- 00
1.82	.4190120	01	.1273747- 00
1.83	.4067067	01	.1230533- 00
1.84	.3948175	01	.1188923- 00
1.85	.3833280	01	.1148947- 00
1.86	.3722232	01	.1110483- 00
1.87	.3614880	01	.1073517- 00
1.88	.3511086	01	.1037946- 00
1.89	.3410719	01	.1003672- 00
1.90	.3313646	01	.9707283- 01-
1.91	.3219745	01	.9390130- 01-
1.92	.3128900	01	.9084535- 01-
1.93	.3040994	01	.8790573- 01-
1.94	.2955924	01	.8507087- 01-
1.95	.2873582	01	.8234154- 01-
1.96	.2793871	01	.7971120- 01-
1.97	.2716694	01	.7717745- 01-
1.98	.2641960	01	.7473422- 01-
1.99	.2569580	01	.7237993- 01-
2.00	.2499473	01	.7010713- 01-

x	$-h_4^{(1)}(ix)$	Diff.	x	$-h_4^{(1)}(ix)$	Diff.		
2.00	.2499473	01 .7010713-	01-	2.50	.7094769	00 .1662583-	01-
2.01	.2431555	01 .6791778-	01-	2.51	.6932805	00 .1619650-	01-
2.02	.2365748	01 .6580786-	01-	2.52	.6775008	00 .1577969-	01-
2.03	.2301981	01 .6376696-	01-	2.53	.6621255	00 .1537533-	01-
2.04	.2240179	01 .6180187-	01-	2.54	.6471437	00 .1498182-	01-
2.05	.2180275	01 .5990458-	01-	2.55	.6325437	00 .1460000-	01-
2.06	.2122202	01 .5807295-	01-	2.56	.6183145	00 .1422919-	01-
2.07	.2065895	01 .5630744-	01-	2.57	.6044453	00 .1386918-	01-
2.08	.2011297	01 .5459800-	01-	2.58	.5909266	00 .1351877-	01-
2.09	.1958345	01 .5295170-	01-	2.59	.5777479	00 .1317866-	01-
2.10	.1906987	01 .5135793-	01-	2.60	.5648999	00 .1284809-	01-
2.11	.1857164	01 .4982367-	01-	2.61	.5523730	00 .1252688-	01-
2.12	.1808829	01 .4833532-	01-	2.62	.5401580	00 .1221498-	01-
2.13	.1761927	01 .4690183-	01-	2.63	.5282469	00 .1191117-	01-
2.14	.1716412	01 .4551491-	01-	2.64	.5166307	00 .1161619-	01-
2.15	.1672239	01 .4417371-	01-	2.65	.5053015	00 .1132925-	01-
2.16	.1629360	01 .4287851-	01-	2.66	.4942511	00 .1105042-	01-
2.17	.1587735	01 .4162570-	01-	2.67	.4834715	00 .1077957-	01-
2.18	.1547321	01 .4041386-	01-	2.68	.4729561	00 .1051541-	01-
2.19	.1508077	01 .3924384-	01-	2.69	.4626972	00 .1025892-	01-
2.20	.1469967	01 .3811080-	01-	2.70	.4526878	00 .1000942-	01-
2.21	.1432953	01 .3701342-	01-	2.71	.4429208	00 .9767008-	02-
2.22	.1396999	01 .3595423-	01-	2.72	.4333903	00 .9530565-	02-
2.23	.1362072	01 .3492791-	01-	2.73	.4240894	00 .9300844-	02-
2.24	.1328137	01 .3393484-	01-	2.74	.4150121	00 .9077318-	02-
2.25	.1295162	01 .3297464-	01-	2.75	.4061524	00 .8859770-	02-
2.26	.1263119	01 .3204360-	01-	2.76	.3975041	00 .8648295-	02-
2.27	.1231976	01 .3114357-	01-	2.77	.3890620	00 .8442053-	02-
2.28	.1201705	01 .3027092-	01-	2.78	.3808206	00 .8241493-	02-
2.29	.1172277	01 .2942761-	01-	2.79	.3727744	00 .8046222-	02-
2.30	.1143668	01 .2860972-	01-	2.80	.3649182	00 .7856205-	02-
2.31	.1115852	01 .2781586-	01-	2.81	.3572468	00 .7671375-	02-
2.32	.1088802	01 .2705050-	01-	2.82	.3497559	00 .7490949-	02-
2.33	.1062496	01 .2630544-	01-	2.83	.3424404	00 .7315525-	02-
2.34	.1036910	01 .2558665-	01-	2.84	.3352957	00 .7144646-	02-
2.35	.1012022	01 .2488751-	01-	2.85	.3283172	00 .6978526-	02-
2.36	.9878117	00 .2421090-	01-	2.86	.3215011	00 .6816103-	02-
2.37	.9642566	00 .2355512-	01-	2.87	.3148428	00 .6658328-	02-
2.38	.9413378	00 .2291884-	01-	2.88	.3083383	00 .6504492-	02-
2.39	.9190347	00 .2230311-	01-	2.89	.3019837	00 .6354708-	02-
2.40	.8973303	00 .2170439-	01-	2.90	.2957749	00 .6208788-	02-
2.41	.8762055	00 .2112485-	01-	2.91	.2897084	00 .6066454-	02-
2.42	.8556431	00 .2056242-	01-	2.92	.2837806	00 .5927817-	02-
2.43	.8356261	00 .2001704-	01-	2.93	.2779880	00 .5792692-	02-
2.44	.8161378	00 .1948829-	01-	2.94	.2723269	00 .5661086-	02-
2.45	.7971634	00 .1897438-	01-	2.95	.2667940	00 .5532936-	02-
2.46	.7786872	00 .1847619-	01-	2.96	.2613863	00 .5407646-	02-
2.47	.7606946	00 .1799269-	01-	2.97	.2561006	00 .5285754-	02-
2.48	.7431707	00 .1752390-	01-	2.98	.2509338	00 .5166843-	02-
2.49	.7261028	00 .1706793-	01-	2.99	.2458826	00 .5051145-	02-
2.50	.7094769	00 .1662583-	01-	3.00	.2409447	00 .4937906-	02-

x	$-h_4^{(1)}(ix)$	Diff.	
3.00	.2409447	00	.4937906- 02-
3.01	.2361170	00	.4827749- 02-
3.02	.2313967	00	.4720349- 02-
3.03	.2267812	00	.4615500- 02-
3.04	.2222678	00	.4513399- 02-
3.05	.2178542	00	.4413617- 02-
3.06	.2135379	00	.4316285- 02-
3.07	.2093164	00	.4221513- 02-
3.08	.2051874	00	.4129061- 02-
3.09	.2011488	00	.4038593- 02-
3.10	.1971983	00	.3950545- 02-
3.11	.1933337	00	.3864547- 02-
3.12	.1895531	00	.3780672- 02-
3.13	.1858542	00	.3698902- 02-
3.14	.1822354	00	.3618855- 02-
3.15	.1786945	00	.3540884- 02-
3.16	.1752297	00	.3464777- 02-
3.17	.1718394	00	.3390383- 02-
3.18	.1685213	00	.3318028- 02-
3.19	.1652743	00	.3247033- 02-
3.20	.1620964	00	.3177902- 02-
3.21	.1589860	00	.3110418- 02-
3.22	.1559415	00	.3044508- 02-
3.23	.1529615	00	.2980061- 02-
3.24	.1500443	00	.2917252- 02-
3.25	.1471885	00	.2855729- 02-
3.26	.1443927	00	.2795826- 02-
3.27	.1416554	00	.2737302- 02-
3.28	.1389755	00	.2679960- 02-
3.29	.1363514	00	.2624109- 02-
3.30	.1337820	00	.2569450- 02-
3.31	.1312659	00	.2516103- 02-
3.32	.1288018	00	.2464070- 02-
3.33	.1263888	00	.2412987- 02-
3.34	.1240256	00	.2363283- 02-
3.35	.1217110	00	.2314584- 02-
3.36	.1194439	00	.2267133- 02-
3.37	.1172233	00	.2220585- 02-
3.38	.1150481	00	.2175230- 02-
3.39	.1129174	00	.2130759- 02-
3.40	.1108299	00	.2087425- 02-
3.41	.1087849	00	.2045115- 02-
3.42	.1067814	00	.2003503- 02-
3.43	.1048183	00	.1963038- 02-
3.44	.1028950	00	.1923391- 02-
3.45	.1010103	00	.1884658- 02-
3.46	.9916360	01-	.1846734- 02-
3.47	.9735392	01-	.1809682- 02-
3.48	.9558049	01-	.1773436- 02-
3.49	.9384248	01-	.1738006- 02-
3.50	.9213908	01-	.1703407- 02-

x	$-h_4^{(1)}(ix)$	Diff.	
3.50	.9213908	01-	.1703407- 02-
3.51	.9046962	01-	.1669456- 02-
3.52	.8883333	01-	.1636298- 02-
3.53	.8722945	01-	.1603879- 02-
3.54	.8565729	01-	.1572157- 02-
3.55	.8411611	01-	.1541187- 02-
3.56	.8260536	01-	.1510753- 02-
3.57	.8112429	01-	.1481064- 02-
3.58	.7967228	01-	.1452018- 02-
3.59	.7824868	01-	.1423599- 02-
3.60	.7685294	01-	.1395746- 02-
3.61	.7548439	01-	.1368547- 02-
3.62	.7414251	01-	.1341881- 02-
3.63	.7282670	01-	.1315810- 02-
3.64	.7153637	01-	.1290329- 02-
3.65	.7027104	01-	.1265336- 02-
3.66	.6903017	01-	.1240869- 02-
3.67	.6781321	01-	.1216962- 02-
3.68	.6661968	01-	.1193531- 02-
3.69	.6544902	01-	.1170660- 02-
3.70	.6430088	01-	.1148148- 02-
3.71	.6317469	01-	.1126189- 02-
3.72	.6206999	01-	.1104696- 02-
3.73	.6098632	01-	.1083673- 02-
3.74	.5992333	01-	.1062990- 02-
3.75	.5888051	01-	.1042820- 02-
3.76	.5785748	01-	.1023038- 02-
3.77	.5685381	01-	.1003672- 02-
3.78	.5586905	01-	.9847540- 03-
3.79	.5490291	01-	.9661508- 03-
3.80	.5395494	01-	.9479714- 03-
3.81	.5302478	01-	.9301562- 03-
3.82	.5211205	01-	.9127330- 03-
3.83	.5121643	01-	.8956208- 03-
3.84	.5033754	01-	.8788906- 03-
3.85	.4947506	01-	.8624862- 03-
3.86	.4862863	01-	.8464228- 03-
3.87	.4779791	01-	.8307235- 03-
3.88	.4698265	01-	.8152617- 03-
3.89	.4618248	01-	.8001761- 03-
3.90	.4539711	01-	.7853699- 03-
3.91	.4462624	01-	.7708683- 03-
3.92	.4386955	01-	.7566945- 03-
3.93	.4312682	01-	.7427349- 03-
3.94	.4239771	01-	.7291097- 03-
3.95	.4168199	01-	.7157219- 03-
3.96	.4097933	01-	.7026629- 03-
3.97	.4028956	01-	.6897697- 03-
3.98	.3961234	01-	.6772173- 03-
3.99	.3894749	01-	.6648559- 03-
4.00	.3829470	01-	.6527860- 03-

x	$-h_4^{(1)}(ix)$	Diff.
4.00	.3829470	01- .6527860- 03-
4.01	.3765376	01- .6409479- 03-
4.02	.3702445	01- .6293073- 03-
4.03	.3640652	01- .6179284- 03-
4.04	.3579978	01- .6067469- 03-
4.05	.3520396	01- .5958216- 03-
4.06	.3461885	01- .5851104- 03-
4.07	.3404429	01- .5745604- 03-
4.08	.3348004	01- .5642488- 03-
4.09	.3292589	01- .5541579- 03-
4.10	.3238164	01- .5442514- 03-
4.11	.3184714	01- .5344940- 03-
4.12	.3132217	01- .5249749- 03-
4.13	.3080654	01- .5156301- 03-
4.14	.3030008	01- .5064621- 03-
4.15	.2980260	01- .4974795- 03-
4.16	.2931396	01- .4886403- 03-
4.17	.2883396	01- .4800097- 03-
4.18	.2836245	01- .4715096- 03-
4.19	.2789924	01- .4632068- 03-
4.20	.2744418	01- .4550596- 03-
4.21	.2699715	01- .4470298- 03-
4.22	.2655797	01- .4391862- 03-
4.23	.2612648	01- .4314916- 03-
4.24	.2570255	01- .4239339- 03-
4.25	.2528603	01- .4165187- 03-
4.26	.2487679	01- .4092404- 03-
4.27	.2447468	01- .4021130- 03-
4.28	.2407957	01- .3951141- 03-
4.29	.2369131	01- .3882605- 03-
4.30	.2330980	01- .3815066- 03-
4.31	.2293491	01- .3748969- 03-
4.32	.2256650	01- .3684056- 03-
4.33	.2220446	01- .3620466- 03-
4.34	.2184866	01- .3557993- 03-
4.35	.2149900	01- .3496656- 03-
4.36	.2115535	01- .3436520- 03-
4.37	.2081761	01- .3377400- 03-
4.38	.2048565	01- .3319630- 03-
4.39	.2015938	01- .3262652- 03-
4.40	.1983871	01- .3206744- 03-
4.41	.1952351	01- .3152029- 03-
4.42	.1921369	01- .3098208- 03-
4.43	.1890913	01- .3045570- 03-
4.44	.1860976	01- .2993723- 03-
4.45	.1831549	01- .2942752- 03-
4.46	.1802620	01- .2892870- 03-
4.47	.1774181	01- .2843929- 03-
4.48	.1746224	01- .2795705- 03-
4.49	.1718739	01- .2748505- 03-
4.50	.1691719	01- .2702070- 03-

x	$-h_4^{(1)}(ix)$	Diff.
4.50	.1691719	01- .2702070- 03-
4.51	.1665152	01- .2656659- 03-
4.52	.1639034	01- .2611890- 03-
4.53	.1613354	01- .2567959- 03-
4.54	.1588106	01- .2524867- 03-
4.55	.1563279	01- .2482669- 03-
4.56	.1538870	01- .2440946- 03-
4.57	.1514868	01- .2400228- 03-
4.58	.1491266	01- .2360126- 03-
4.59	.1468059	01- .2320721- 03-
4.60	.1445237	01- .2282211- 03-
4.61	.1422796	01- .2244419- 03-
4.62	.1400727	01- .2206876- 03-
4.63	.1379024	01- .2170275- 03-
4.64	.1357681	01- .2134336- 03-
4.65	.1336691	01- .2098992- 03-
4.66	.1316047	01- .2064421- 03-
4.67	.1295745	01- .2030270- 03-
4.68	.1275777	01- .1996826- 03-
4.69	.1256137	01- .1963932- 03-
4.70	.1236820	01- .1931745- 03-
4.71	.1217822	01- .1899847- 03-
4.72	.1199134	01- .1868797- 03-
4.73	.1180753	01- .1838166- 03-
4.74	.1162672	01- .1808066- 03-
4.75	.1144886	01- .1778617- 03-
4.76	.1127391	01- .1749523- 03-
4.77	.1110181	01- .1720987- 03-
4.78	.1093252	01- .1692963- 03-
4.79	.1076597	01- .1665489- 03-
4.80	.1060213	01- .1638425- 03-
4.81	.1044095	01- .1611845- 03-
4.82	.1028237	01- .1585731- 03-
4.83	.1012637	01- .1560045- 03-
4.84	.9972885	02- .1534871- 03-
4.85	.9821880	02- .1510050- 03-
4.86	.9673312	02- .1485683- 03-
4.87	.9527135	02- .1461763- 03-
4.88	.9383309	02- .1438261- 03-
4.89	.9241791	02- .1415189- 03-
4.90	.9102547	02- .1392443- 03-
4.91	.8965542	02- .1370050- 03-
4.92	.8830722	02- .1348199- 03-
4.93	.8698063	02- .1326585- 03-
4.94	.8567520	02- .1305439- 03-
4.95	.8439060	02- .1284594- 03-
4.96	.8312652	02- .1264085- 03-
4.97	.8188254	02- .1243986- 03-
4.98	.8065832	02- .1224221- 03-
4.99	.7945361	02- .1204713- 03-
5.00	.7826797	02- .1185638- 03-